

Load Cells / Weigh Modules

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PARAMOUNTS® EP	614	TRANSLINK™ PARALLEL LINK	666	<i>Stainless Steel, Environmentally Sealed, IP67</i>	
<i>Environmentally Protected, Mild Steel, Light- to Medium-capacity Tank Weighing Systems</i>		<i>Truck Scale Assembly, Rice Lake Weighing Systems</i>		RL32018S-T	691
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<i>Hermetically Sealed, Mild Steel, Light- to Medium-capacity Tank Weighing Systems</i>		<i>Rice Lake Weighing Systems</i>		RL35023S PAINTED	692
RLBTM	618	MAGNAMOUNT®	669	<i>Stainless Steel, Environmentally Sealed, IP67</i>	
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<i>Mild Steel/Stainless Steel Weigh Modules</i>		<i>Stainless Steel, Rice Lake Weighing Systems/Flintec</i>		RLSSB	694
RL1800 SERIES PAINTED LOAD CELL VERSION	622	ELECTRONIC FLOOR SCALE UNDERDECK KITS	672	<i>Stainless Steel, Welded Seal, NTEP Certified 1:5,000 Class III Multiple Cell, IP67</i>	
<i>Stainless Steel Weigh Modules</i>				RLSB250/RLSB250T	695
RL1900 SERIES	624	S-BEAM		<i>Stainless Steel, Welded Seal, NTEP Certified 1:5,000 Class III Multiple Cell, IP67</i>	
<i>Stainless Steel Weigh Modules</i>		RL20000i	674	RL50219SS	696
RLTM	626	<i>Alloy Steel, Environmentally Sealed, NTEP Certified 1:5,000 III/1:10,000 III, IP67</i>		<i>Stainless Steel, Environmentally Sealed, IP67</i>	
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<i>Stainless Steel, Tank, Hopper and Vessel Weighing Assembly</i>		RL20000ST	676	RL40BBS	698
RL9000TWM-HT	632	<i>Stainless Steel, Environmentally Sealed, NTEP Certified 1:10,000 Class III Single Cell, IP67</i>		<i>Alloy Steel, Environmentally Sealed, IP65</i>	
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Load Cells / Weigh Modules

DOUBLE-ENDED BEAM

RL72020	701
<i>Alloy Steel, Environmentally Sealed, NTEP Certified 1:10,000 Class III. Multiple Cell, IP67</i>	
RL72020SS	702
<i>Stainless Steel, Environmentally Sealed, NTEP Certified 1:10,000 Class III. Multiple Cell, IP67</i>	
RL72020P	703
<i>Alloy Steel, Environmentally Sealed, NTEP Certified 1:10,000 Class III. Multiple Cell, IP67</i>	
RL72019SS	704
<i>Stainless Steel, Environmentally Sealed, IP68</i>	
RL70000	705
<i>Alloy Steel, Environmentally Sealed, NTEP Certified 1:10,000 Class III. Multiple Cell, IP67</i>	
RL70000 PAINTED	706
<i>Alloy Steel, Environmentally Sealed, IP67</i>	
RL70000SS	707
<i>Stainless Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III/1:10,000 III. Multiple Cell, IP67</i>	
RL75016	708
<i>Alloy Steel, Environmentally Sealed, IP67</i>	
RL75016 PAINTED	709
<i>Alloy Steel, Environmentally Sealed, IP67</i>	
RL75016SS	710
<i>Stainless Steel, Environmentally Sealed, IP67</i>	
RL75016SS-W	711
<i>Stainless Steel, Welded Seal, IP67</i>	
RL75016WHE	712
<i>Stainless Steel, Hermetically Sealed, IP69K</i>	
RL75058! FOR RICE LAKE COIL SCALE ...	713
<i>Alloy Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, IP67</i>	
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<i>Stainless Steel, Hermetically Sealed, NTEP Certified:10,000 Class III. Multiple Cell, IP68/69K</i>	
RL75060S	716
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RL75223	717
<i>Alloy Steel, Welded Seal, NTEP Certified 1:10,000 Class III. Multiple Cell, IP67</i>	
RLDB50000S	718
<i>Stainless Steel, Welded Seal, NTEP Certified 1:10,000 III. Multiple Cell, IP67</i>	
RL75040	719
<i>Alloy Steel, Environmentally Sealed, NTEP Certified 1:10,000 Class III. Multiple Cell, IP67</i>	

COMPRESSION CANISTER

RLCSP1	720
<i>Stainless Steel, Welded Seal, NTEP Certified 1:10,000 Class III. Multiple Cell, IP67</i>	
RL8C2P1SST	721
<i>Stainless Steel, Hermetically Sealed, NTEP Certified 1:10,000 Class III. Multiple Cell, IP68</i>	

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RLSCA-50K	722
<i>Stainless Steel, Welded Seal, NTEP Certified 1:10,000 Class III. Multiple Cell, IP67</i>	
RL70510-30 T/RL80453-100,000 LB	723
<i>Stainless Steel, Hermetically Sealed, NTEP Certified 1:10,000 Class III L, IP69K</i>	
RL75114-50K	724
<i>Stainless Steel, Welded Seal, NTEP Certified 1:10,000 Class III, IP67</i>	

COMPRESSION DISK

RL90000	725
<i>Alloy Steel, Environmentally Sealed, IP67</i>	
RLPC3SS	726
<i>Stainless Steel, Environmentally Sealed, NTEP Certified 1:3,000 Class III Single Cell, IP67</i>	
RLPC4SS-HE	727
<i>Stainless Steel, Hermetically Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP68</i>	

SINGLE POINT

RLPC6	728
<i>Stainless Steel, Hermetically Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP69K</i>	
RLPWM15HE	729
<i>Stainless Steel, Hermetically Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP69K</i>	
RLPWM15	730
<i>Stainless Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP67</i>	
RLPCBC-60	731
<i>Stainless Steel, Hermetically Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP69K</i>	
RL1521A	732
<i>Aluminum, Environmentally Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP66</i>	
RL1010	733
<i>Aluminum, NTEP Certified 1:5,000 Class III Single Cell, Potted and Unpotted, IP65/IP67</i>	
RL1040	734
<i>Aluminum, NTEP Certified 1:5,000 Class III Single Cell, Potted and Unpotted, IP65/IP67</i>	
RL1140	735
<i>Stainless Steel, Environmentally Sealed, Potted IP67</i>	

RL1380	736
<i>Stainless Steel, Environmentally Sealed, NTEP Certified 1:3,000 Class III Single Cell, IP67</i>	

RL1385	737
<i>Stainless Steel, Environmentally Sealed, NTEP Certified 1:4,500 Class III Single Cell, IP67</i>	

RL260FD	738
<i>Fluid Damped, Stainless Steel, Environmentally Sealed, NTEP Certified Single Cell 1:3,000, IP68</i>	

RL26018A	739
<i>Aluminum, Environmentally Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP67</i>	

RL1218A	740
<i>Aluminum, Environmentally Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP67</i>	

RL42018A	741
<i>Aluminum, Environmentally Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP66</i>	

PLANAR BEAM

RLBLP	742
<i>Aluminum, Environmentally Sealed, IP65</i>	

TENSION LINK

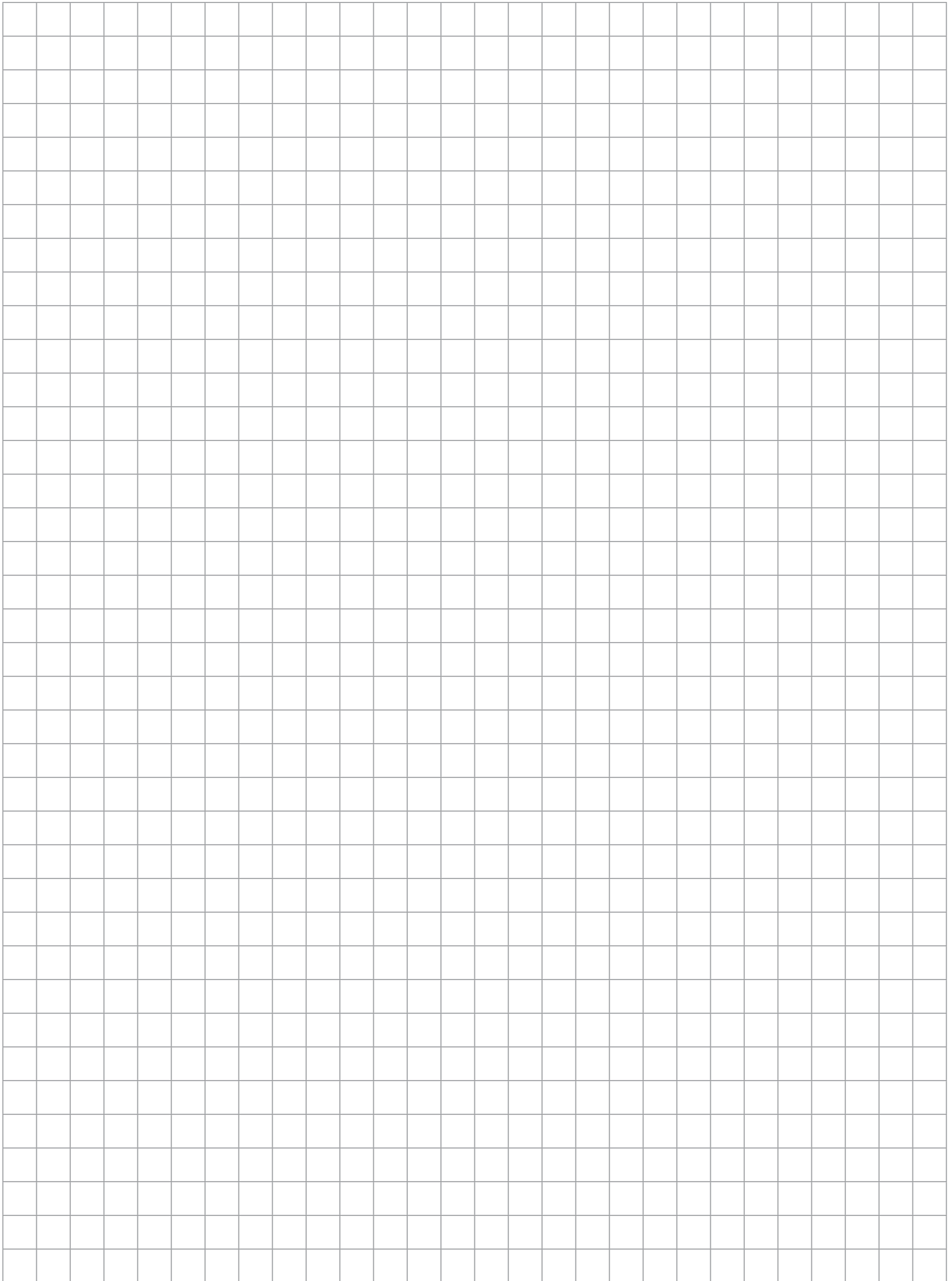
RL2010	743
<i>Stainless Steel, Environmentally Sealed, IP67</i>	

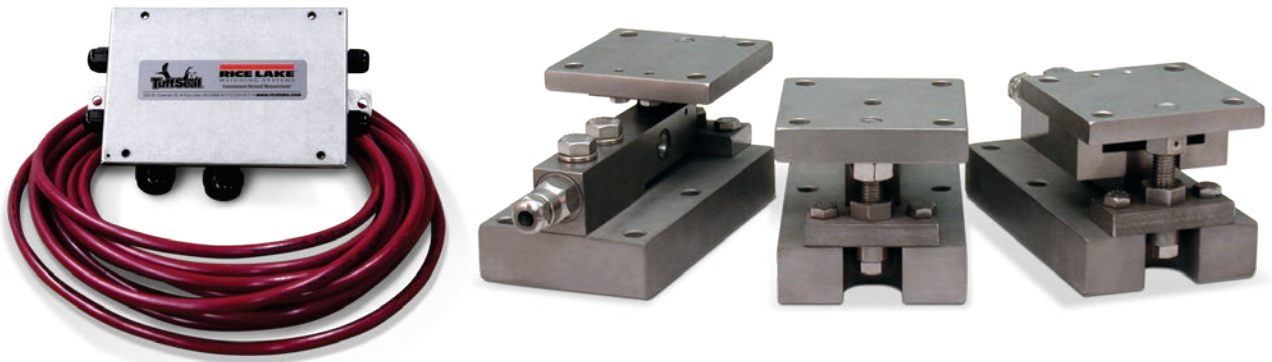
MSI LOAD PIN SENSORS	744
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MSI LOAD PIN QUESTIONNAIRE	745
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MSI TENSION LINK LOAD CELL	746
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MSI CLAMP-ON LOAD CELL	748
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Picture is a representation of actual product.

Consisting of three different weigh module designs, the Paramounts system offers superior accuracy, even in applications with extreme expansion, contraction and vibration. The fixed-pin module acts as the vessel's primary reference point, enabling rotation. A single side-stop module is then paired with the fixed-pin module to permit mechanical expansion and contraction in one direction. The vessel then becomes a high-accuracy weighing system with the addition of one to six free-sliding modules. This system offers the free motion necessary to eliminate unwanted mechanical side loads, as well as the strength needed to keep the vessel in check. This gives the Paramounts system its industry-leading reputation for exceptional accuracy in unfriendly environments. Integral jacking/shipping bolts enhance safety by preventing accidental lift-off, facilitating quick field removal of load cells and eliminating load cell damage during transportation. Matched outputs and field-replaceable cable simplify installation and enhance serviceability. The Paramounts system represents the ultimate combination of convenience, accuracy and control.

Complete Kit Includes:

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- One fixed-pin module, one side-stop module, and one or two free-sliding assemblies. Each module is complete with a FLINTEC SB4 or SB10 (520 lb) stainless steel hermetically sealed load cell.
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features:

- Capacities (per module): (2.3 kN-100 kN)
- All stainless steel construction
- Bolt-in-place design; module bolts directly to tank leg without requiring additional load buttons or mounting plates
- Hermetically sealed, stainless steel load cells
- Load cell outputs are matched to $\pm 0.07\%$, minimizing maintenance costs
- Unique design allows for thermal expansion/contraction
- Low-profile, self-checking design
- Jacking screw allows empty vessel to be lifted clear of load cell for maintenance
- Unique patented blind load hole technology minimizes unwanted side and eccentric loading
- Vessel is free to slide laterally on PTFE-coated surfaces
- Two-year limited warranty

Applications

- Medium-capacity, blenders and tanks
- Batching/blending
- Pharmaceutical processing
- Food processing
- Petroleum refining and batching

Load Cell Certifications



Except 520lb

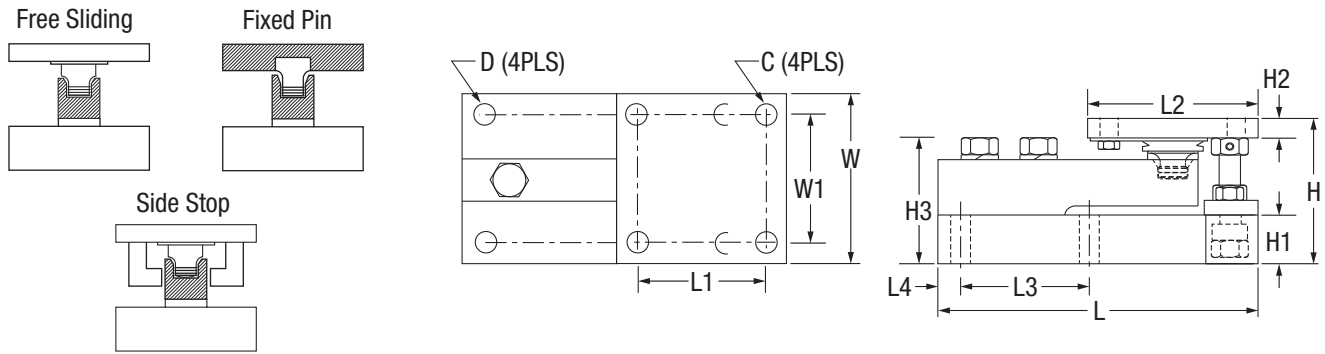


IP66/69K



SURVIVOR® Paramounts® HE

Medium-capacity Weigh Module Systems



Dimensions

Rated Capacity	C	D	H	H1	*H2	**H2	H3	L	L1	L2	L3	L4	W	W1
kN/in														
2.3 kN	0.38	0.44	3.49	1.00	0.50	0.75	2.98	7.51	3.00	4.00	3.00	0.50	4.00	3.00
5-23 kN	0.44	0.44	3.58	1.25	0.50	0.75	3.06	7.51	3.00	4.00	3.00	0.50	4.00	3.00
50 kN	0.56	0.56	4.66	1.50	0.62	1.00	4.09	9.19	3.87	5.00	3.87	0.56	5.00	3.87
100 kN	0.69	0.69	6.41	2.00	0.75	1.25	5.73	11.46	4.75	6.00	4.75	0.69	6.00	4.75

*Side stop and free sliding units **Fixed pin units

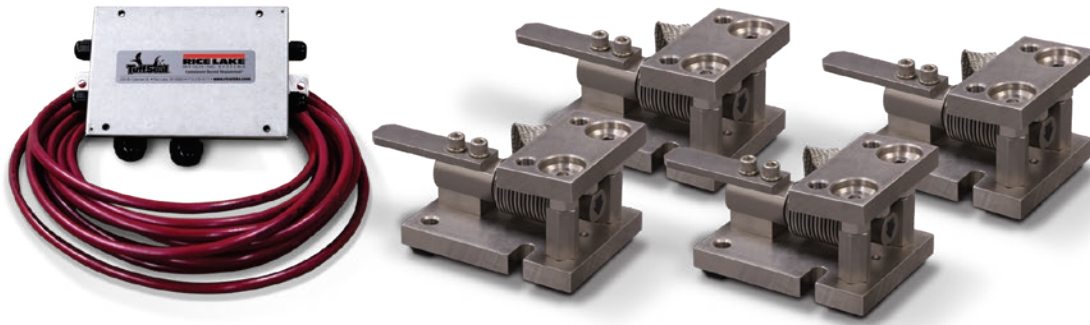
Order Information

Load Rating (Per Module)	Part #	Price
NTEP Certified/OIML C3 3-Module Kit		
5 kN	29883	\$4,125.00
10 kN	29884	\$4,125.00
23 kN	29885	\$4,125.00
50 kN	29886	\$5,580.00
NTEP Certified/OIML C3 4-Module Kit		
5 kN	29879	\$5,482.00
10 kN	29880	\$5,482.00
23 kN	29881	\$5,482.00
50 kN	29882	\$7,038.00
Non-NTEP Certified 3-Module Kit		
2.3 kN	38207	\$4,680.00
5 kN	17991	\$4,012.00
10 kN	17992	\$4,012.00
23 kN	17993	\$4,012.00
50 kN	17994	\$5,205.00
100 kN	17995	\$5,952.00
Non-NTEP Certified 4-Module Kit		
2.3 kN	38208	\$5,925.00
5 kN	17998	\$5,225.00
10 kN	17999	\$5,225.00
23 kN	18000	\$5,225.00
50 kN	18001	\$6,566.00
100 kN	18002	\$8,284.00
*Conduit adapter, 1/2-14 NPT	17703	\$50.00

*Must be factory installed

SURVIVOR WEIGH MODULES RL1700 HE

Light- to Medium-capacity Weigh Modules



Picture is a representation of actual product.

The RL1700 HE offers precision-machined, weldless construction to maximize washdown cleaning effectiveness. This design, coupled with integral jacking/shipping bolts, eases installation and minimizes maintenance costs. OIML C3 certified load cells in capacities from 5 kg to 5,000 kg provide accurate, consistent weighments. Ideal for multi-ingredient micro-batching applications, the RL1700 HE provides exceptional performance in hostile environments. The RL1700 HE offers a guaranteed waterproof rating to ensure reliable performance in moisture-laden environments.

Complete Kit Includes:

- One JB4SS NEMA Type 4X stainless steel signal-trim junction box
- Three or four RL1700 HE stainless steel compression mounts
- Three or four RL9018SS (5-250 kg) or RLHTO (500-5,000 kg) stainless steel, hermetically sealed single-ended beam load cells
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features:

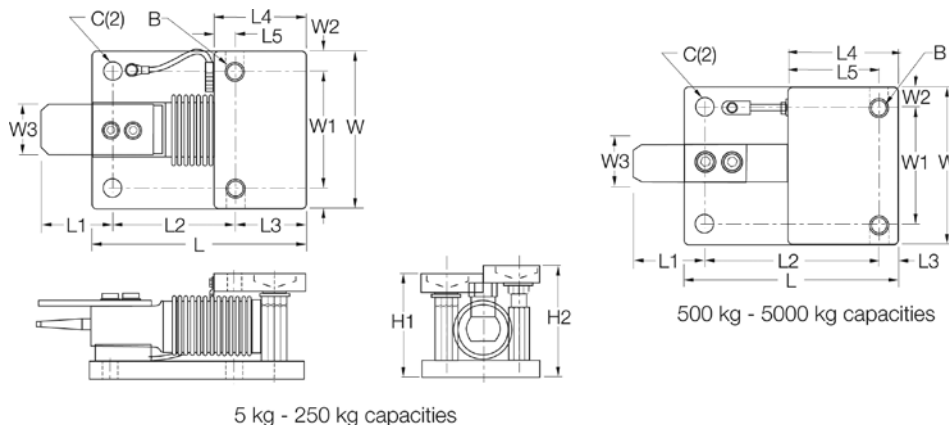
- All stainless steel construction
- Hermetically sealed, stainless steel load cells, IP66/68, guaranteed waterproof
- OIML certified load cells from 5 -5,000 kg
- Bolt-in-place design; module bolts directly to tank leg without requiring additional load buttons or mounting plates
- Self-checking with lift-off/tip-over protection and jacking/shipping bolts
- Load cell is isolated from overload in all directions
- Weldless construction retains less residue and allows fast, thorough cleaning
- Two-year limited warranty

Applications

- Multi-ingredient micro-batching
- Meat and poultry processing
- Batching/blending
- Dye/ink blending

Load Cell Certifications





Dimensions

Rated Capacity	C	B	*H1	**H2	L	L1	L2	L3	L4	L5	W	W1	W2	W3
kg/mm														
5-250	12.9	1/2-20 UNF	80.0	86.1	131.8	63.7	76.0	42.0	56.0	14.0	96.0	70.0	12.9	25.4
500-2,000	12.9	5/8-18 UNF	101.6	109.4	165.0	70.0	129.5	14.9	80.0	59.9	110.0	70.0	20.0	31.7
5,000	20.0	3/4-10 UNC	135.0	143.0	215.0	81.0	161.0	20.0	90.0	70.5	150.0	90.0	30.0	40.0

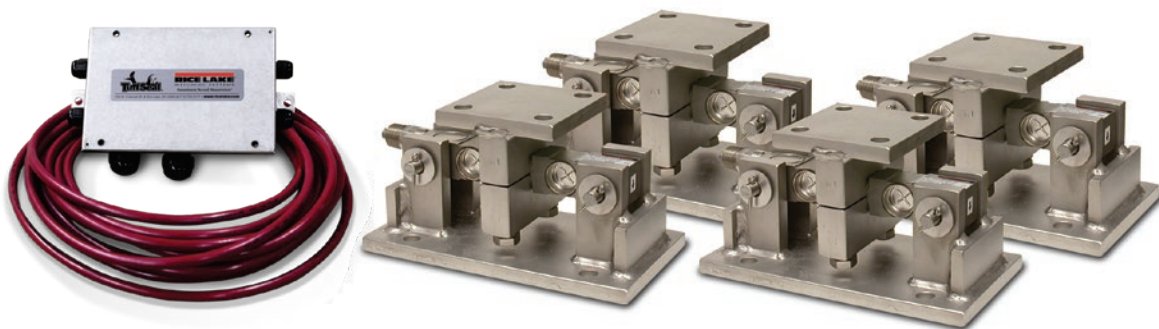
* In weighing position ** In jacked-up position for load cell shipping or removal

Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Includes Load Cell)		
5 kg	32687	\$975.00
10 kg	32688	\$975.00
20 kg	32689	\$975.00
50 kg	32690	\$975.00
100 kg	32691	\$975.00
200 kg	32692	\$975.00
250 kg	32693	\$975.00
500 kg	32974	\$1,187.00
1,000 kg	32973	\$1,187.00
2,000 kg	32972	\$1,187.00
5,000 kg	32971	\$1,463.00
3-Module Kit		
5 kg	32920	\$3,143.00
10 kg	32921	\$3,143.00
20 kg	32922	\$3,143.00
50 kg	32923	\$3,143.00
100 kg	32924	\$3,143.00
200 kg	32925	\$3,143.00
250 kg	32926	\$3,143.00
500 kg	32980	\$3,763.00
1,000 kg	32981	\$3,763.00
2,000 kg	32982	\$3,763.00
5,000 kg	32983	\$4,690.00
4-Module Kit		
5 kg	32927	\$4,150.00
10 kg	32928	\$4,150.00
20 kg	32929	\$4,150.00
50 kg	32930	\$4,150.00
100 kg	32931	\$4,150.00
200 kg	32932	\$4,150.00
250 kg	32933	\$4,150.00
500 kg	32984	\$4,955.00
1,000 kg	32985	\$4,955.00
2,000 kg	32986	\$4,955.00
5,000 kg	32987	\$5,856.00

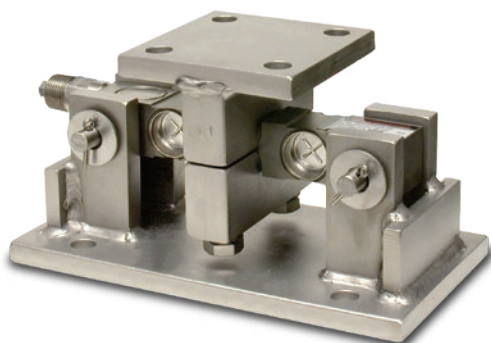
RL1600 HE

Medium-capacity Weigh Modules



Picture is a representation of actual product.

The RL1600 HE mounting module kit utilizes several Rice Lake Weighing Systems components to provide an unmatched level of performance in tank and hopper weighing applications. The RL1600 HE kit is ideally suited for indoor and outdoor process control operations in the medium-capacity ranges. Each module incorporates self-checking capabilities for thermal expansion and contraction.



Fabricated stainless steel module with RL75016WHE double-ended beam load cell.

Complete Kit Includes:

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four RL1600 HE stainless steel compression mounts
- Three or four RL75016 WHE stainless steel, hermetically sealed double-ended shear beam load cells
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features:

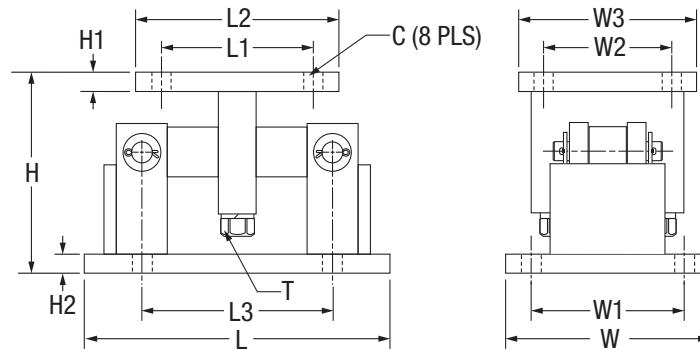
- Capacities (per module): 1,000-25,000lb
- All stainless steel construction
- Self-checking, easy-to-use design allows module to be bolted directly to tank leg without requiring additional mounting plates or load buttons
- Hermetically sealed IP66/69K protected load cells
- Double-ended shear beam design, center loaded

Applications

- Medium-capacity tanks, bins and hoppers
- Bulk material management
- Ingredient batching, mixing and blending

Load Cell Certifications





Dimensions

Rated Capacity lb/in	C	H	H1	H2	L	L1	L2	L3	T	W	W1	W2	W3
1,000-5,000	0.56	5.00	0.50	0.50	9.25	2.75	4.00	6.25	1/2-13 UNC	5.00	3.75	2.75	4.00
10,000-25,000	0.78	7.87	0.75	0.75	12.00	6.00	8.00	7.50	3/4-10 UNC	8.00	6.00	6.00	8.00

Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Does Not Include Load Cell)		
1,000-5,000 lb	17813	\$657.00
10,000-25,000 lb	17815	\$1,283.00
3-Module Kit		
1,000 lb	46723	\$4,563.00
1,500 lb	119673	\$4,563.00
2,000 lb	119675	\$4,563.00
2,500 lb	46724	\$4,563.00
5,000 lb	46725	\$4,563.00
10,000 lb	46726	\$6,540.00
15,000 lb	46727	\$6,540.00
20,000 lb	84664	\$6,540.00
25,000 lb	46728	\$6,540.00
4-Module Kit		
1,000 lb	46729	\$5,753.00
1,500 lb	119674	\$5,753.00
2,000 lb	119676	\$5,753.00
2,500 lb	46730	\$5,753.00
5,000 lb	46731	\$5,753.00
10,000 lb	46732	\$8,554.00
15,000 lb	46733	\$8,554.00
20,000 lb	84665	\$8,554.00
25,000 lb	46734	\$8,554.00
Dummy Load Cells (Mild Steel)		
1,000-5,000 lb	18236	\$26.00
10,000-25,000 lb	18237	\$42.00

Shims*

	Part #	Price
1,000 lb–5,000 lb		
0.0625	150852	\$5.00
0.125	150853	\$10.00
0.250	150854	\$16.00
10,000 lb–25,000 lb		
0.0625	150855	\$15.00
0.125	150856	\$24.00
0.250	150857	\$62.00
50,000 lb–75,000 lb		
0.0625	150858	\$21.00
0.125	150859	\$31.00
0.250	150861	\$77.00

*Shims match the top plate

RL1855 HE-HS

Medium-capacity Weigh Modules with Hermetically Sealed Load Cells



Picture is a representation of actual product.

The internal height adjustment feature of the SURVIVOR® RL1855 HE weigh module reduces the need for shims or external hardware, simplifying installation. The standard conduit adapter allows for connection to conduit for cable protection. With standard NTEP Certified, 1:5000 division Class III load cells, the RL1855 HE weigh module provides an accurate weighing system when properly installed. Highly versatile, the RL1855 HE weigh module offers worry-free operation in a wide variety of rugged applications.

Complete Kit Includes:

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four RL1855 HE stainless steel mounts
- Three or four RL32218S-HE hermetically sealed NTEP Certified load cells
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features:

- All stainless steel construction
- Hermetically sealed, stainless steel IP69K
- NTEP Certified load cells, 5,000 d Class III multiple load cell
- Self-checking design with lift off/tip off protection
- Two-year limited warranty

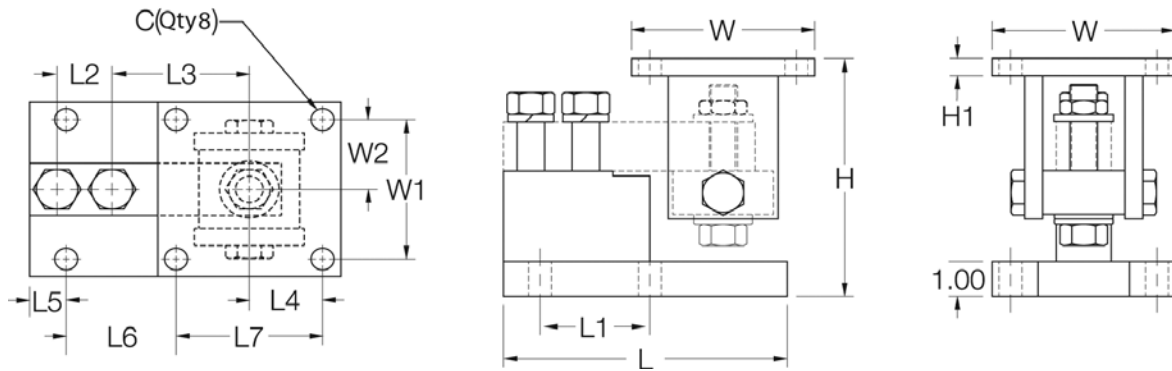
Applications

- Medium-capacity hoppers, bins and tanks
- Batching/blending

Load Cell Certifications



Medium-capacity Weigh Modules with Hermetically Sealed Load Cells



Dimensions

Rated Capacity	C	H min/max	H1	L	L1	L2	L3	L4	L5	L6	L7	W	W1	W2
1,000-4,000	0.62	5.25/5.56	0.50	6.00	2.00	1.00	3.00	2.00	0.68	1.94	4.00	5.00	4.00	2.00
5,000-10,000	0.62	6.12/6.62	0.50	7.75	3.00	1.50	3.75	2.00	1.03	2.97	4.00	5.00	4.00	2.00

Order Information

Load Rating (Per Module)	Part #	Price
Single Modules (Includes Load Cell)		
1,000 lb	170857	\$1,060.00
2,500 lb	170858	\$1,060.00
4,000 lb	170859	\$1,060.00
5,000 lb	170860	\$1,140.00
10,000 lb	170861	\$1,140.00
3-Module Kit		
1,000 lb	170862	\$3,339.00
2,500 lb	170863	\$3,339.00
4,000 lb	170864	\$3,339.00
5,000 lb	170865	\$3,588.00
10,000 lb	170866	\$3,588.00
4-Module Kit		
1,000 lb	170867	\$4,340.00
2,500 lb	170868	\$4,340.00
4,000 lb	170869	\$4,340.00
5,000 lb	170870	\$4,728.00
10,000 lb	170871	\$4,728.00

RL2100 HE

Heavy-capacity Weigh Modules



Picture is a representation of actual product.

Incorporating an articulating load plate, hardened load pin and double-ended beam load cell into one simple design, the RL2100HE tolerates eccentric loads and side loads of up to 100 percent of capacity. The RL2100 HE comes standard with NTEP Certified, 1:5000 division Class III L load cells, yielding up to 0.02 percent total error. An integral conduit adapter offers added washdown protection. These standard features give the RL2100 HE accuracy and dependability in one heavyweight package. The simple load introduction and load cell design provides consistent accuracy in washdown applications, making the RL2100 HE ideal for high-capacity hostile environments.

Complete Kit Includes:

- One JB4SS NEMA Type 4X stainless steel signal-trim junction box
- Three or four RL2100 HE stainless steel compression mounts
- Three or four RL75060S stainless steel, welded seal double-ended beam load cells
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features:

- All stainless steel construction
- Welded seal, stainless steel load cells, IP67, guaranteed waterproof
- NTEP Certified load cells, 5,000 d, Class III L/10,000 d, Class III L multiple cell
- Bolt-in-place design; module bolts directly to tank leg without requiring additional load buttons or mounting plates
- Self-checking design with lift-off/tip-over protection
- Two-year limited warranty

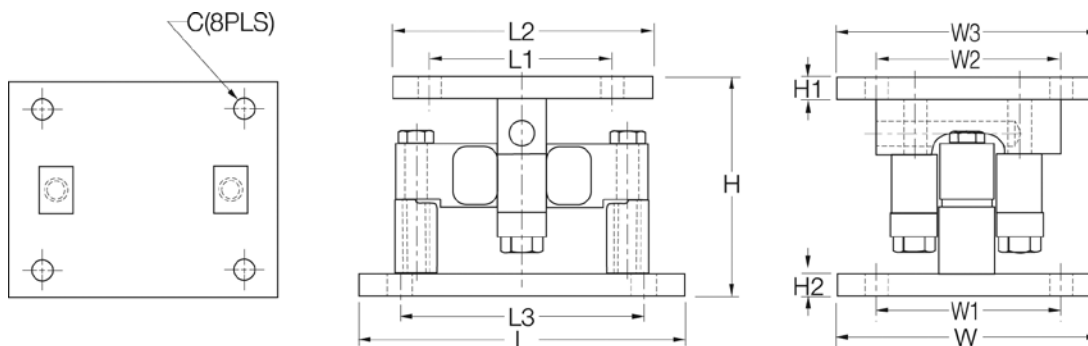
Applications

- Heavy-capacity tanks, blenders, reactors and bulk inventory management
- Petroleum refining process control
- Blending/batching

Load Cell Certifications



SURVIVOR WEIGH MODULES
RL2100 HE
 Heavy-capacity Weigh Modules



Dimensions

Rated Capacity	C	H	H1	H2	L	L1	L2	L3	W	W1	W2	W3
lb/in												
20,000-25,000	0.78	6.85	0.75	0.75	10.00	6.00	8.00	7.50	8.00	6.00	6.00	8.00
35,000-100,000	1.13	9.42	1.00	1.00	16.00	6.50	9.00	11.50	10.00	7.50	6.50	9.00

Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Includes Load Cell)		
20,000 lb	32951	\$1,749.00
25,000 lb	65541	\$1,749.00
35,000 lb	32952	\$2,793.00
50,000 lb	32953	\$2,793.00
60,000 lb	32954	\$2,793.00
75,000 lb	32955	\$2,793.00
100,000 lb	32956	\$4,790.00
3-Module Kit		
20,000 lb	32970	\$5,500.00
25,000 lb	65984	\$5,500.00
35,000 lb	32969	\$8,660.00
50,000 lb	32968	\$8,660.00
60,000 lb	32967	\$8,660.00
75,000 lb	32966	\$8,660.00
100,000 lb	32965	\$14,268.00
4-Module Kit		
20,000 lb	32964	\$7,260.00
25,000 lb	65983	\$7,260.00
35,000 lb	32963	\$11,114.00
50,000 lb	32962	\$11,114.00
60,000 lb	32961	\$11,114.00
75,000 lb	32960	\$11,114.00
100,000 lb	32959	\$18,942.00

WEIGH MODULES

ITCM

Isolated Tension Cell Modules



Picture is a representation of actual product.

The ITCM Series utilizes several Rice Lake Weighing Systems components to provide an unmatched level of performance in tank and hopper weighing applications and mechanical scale conversions. The ITCM incorporates clevis and unique rod-end ball joint assemblies to reduce the overall length to less than half of the traditional tension cell mounts, while providing correct load alignment. In addition, the load cell is completely electrically isolated from stray currents, which are a major cause of load cell failure. To complete the design, a grounding strap connects the two clevis assemblies to further provide safety to your load cells.



Module with RL20000I s-beam load cell.

Complete Kit Includes

- Three or four ITCM assemblies with RL20000I NTEP Certified s-beam load cells
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 100-20,000 lb
- Clevis mounts with nylon insulating washers
- 20,000 lb ITCM rod-end ball joints
- Load cell is completely isolated from stray currents
- Grounding strap provides alternative path to ground
- Complete package for ease of installation
- Provides correct loading even in difficult installations
- Lower overall height compared to other isolated tension assemblies
- Zinc-plated clevis assemblies
- 20,000 lb capacity is not electrically isolated

Applications

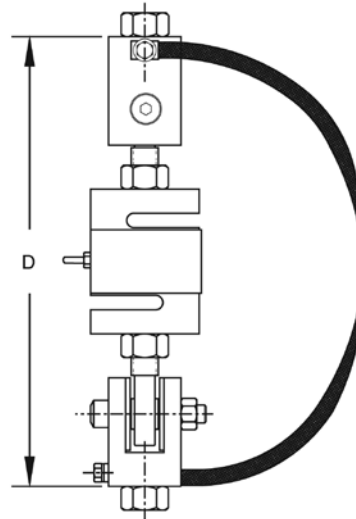
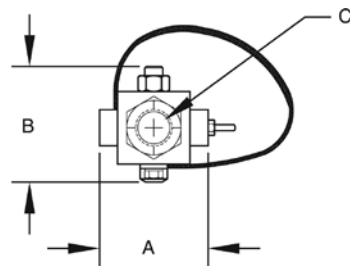
- Suspended hoppers and tanks
- Mechanical scale conversions
- Use as a single module or in multiples

Load Cell Certifications



Load Rating Dimensions Per Module

Load Cell Capacity	A	B	C	D	Single Module	Price	3-Module Kit	Price	4-Module Kit	Price
lb/in										
100	2.00	1.81	3/8-16 UNC 1/2-13 UNC	7.00 (ref)	17851 17831	\$556.00 \$556.00	18003 18004	\$1,935.00 \$1,935.00	18027 18028	\$2,493.00 \$2,493.00
150	2.00	1.81	3/8-16 UNC 1/2-13 UNC	7.00 (ref)	30337 30336	\$556.00 \$556.00	30357 30358	\$1,935.00 \$1,935.00	30359 30360	\$2,493.00 \$2,493.00
200	2.00	1.81	3/8-16 UNC 1/2-13 UNC	7.00 (ref)	30335 30338	\$556.00 \$556.00	30361 30362	\$1,935.00 \$1,935.00	30363 30364	\$2,493.00 \$2,493.00
250	2.00	1.81	3/8-16 UNC 1/2-13 UNC	7.00 (ref)	17852 17832	\$556.00 \$556.00	18005 18006	\$1,935.00 \$1,935.00	18029 18030	\$2,493.00 \$2,493.00
500	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)	17853 17858 17833	\$609.00 \$609.00 \$609.00	18007 18008 18009	\$2,078.00 \$2,078.00 \$2,078.00	18031 18032 18033	\$2,682.00 \$2,682.00 \$2,682.00
750	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)	17854 17859 17834	\$609.00 \$609.00 \$609.00	18010 18011 18012	\$2,078.00 \$2,078.00 \$2,078.00	18034 18035 18036	\$2,682.00 \$2,682.00 \$2,682.00
1,000	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)	17855 17860 17835	\$609.00 \$609.00 \$609.00	18013 18014 18015	\$2,078.00 \$2,078.00 \$2,078.00	18037 18038 18039	\$2,682.00 \$2,682.00 \$2,682.00
1,500	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)	17856 17861 17836	\$609.00 \$609.00 \$609.00	18016 18017 18018	\$2,078.00 \$2,078.00 \$2,078.00	18040 18041 18042	\$2,682.00 \$2,682.00 \$2,682.00
2,000	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)	17857 17862 17837	\$609.00 \$609.00 \$609.00	18019 18020 18021	\$2,078.00 \$2,078.00 \$2,078.00	18043 18044 18045	\$2,682.00 \$2,682.00 \$2,682.00
2,500	2.68	2.68	5/8-11 UNC 3/4-10 UNC	9.50 (ref)	17863 17838	\$609.00 \$609.00	18022 18023	\$2,078.00 \$2,078.00	18046 18047	\$2,682.00 \$2,682.00
3,000	3.37	3.37	3/4-10 UNC	10.50 (ref)	30339	\$636.00	30365	\$2,199.00	30366	\$2,793.00
5,000	3.37	3.37	3/4-10 UNC 1-8 UNC	12.25 (ref)	17864 17839	\$832.00 \$832.00	18024 18025	\$2,743.00 \$2,743.00	18048 18049	\$3,577.00 \$3,577.00
10,000	3.37	3.37	1-8 UNC	12.25 (ref)	17840	\$832.00	18026	\$2,743.00	18050	\$3,577.00
15,000	4.00	4.12	1 1/4-7 UNC	18.00 (ref)	17960	\$1,722.00	30353	\$5,438.00	30354	\$7,134.00
20,000	5.00	4.12	1 1/2-6 UNC	20.00 (ref)	17961	\$2,030.00	30355	\$5,438.00	30356	\$8,358.00



WEIGH MODULES
ITCM SS

Stainless Steel Isolated Tension Cell Modules



Picture is a representation of actual product.

The ITCM Series utilizes several Rice Lake Weighing Systems components to provide an unmatched level of performance in tank and hopper weighing applications and mechanical scale conversions. The ITCM SS incorporates clevis and unique rod-end ball joint assemblies to reduce the overall length to less than half of the traditional tension cell mounts, while providing correct load alignment. In addition, the load cell is completely electrically isolated from stray currents, which are a major cause of load cell failure. To complete the design, a grounding strap connects the two clevis assemblies to further provide safety to your load cells.



Module with RL20000ST s-beam load cell.

Complete Kit Includes

- Three or four ITCM assemblies with RL20000ST NTEP Certified s-beam load cells
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 100-5,000 lb
- Clevis mounts with nylon insulating washers
- PTFE lined rod-end ball joints
- Load cell is completely isolated from stray currents
- Grounding strap provides alternative path to ground
- Complete package for ease of installation
- Provides correct loading even in difficult installations
- Lower overall height compared to other isolated tension assemblies

Applications

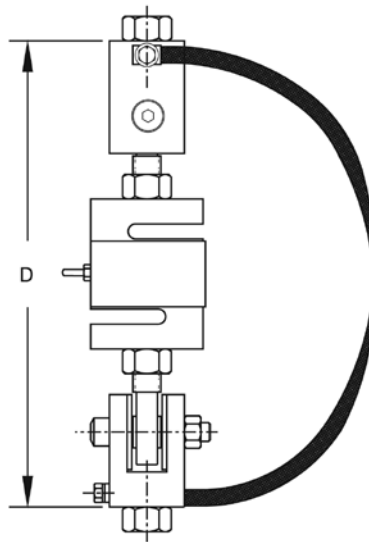
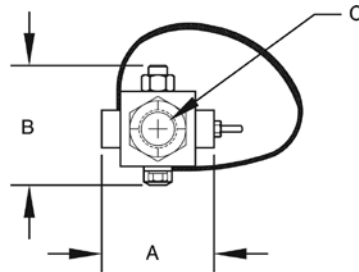
- Suspended hoppers and tanks
- Mechanical scale conversions
- Use as a single module or in multiples

Load Cell Certifications



Load Rating Dimensions Per Module

Load Cell Capacity lb/in	A	B	C	D	Single Module	Price	3-Module Kit	Price	4-Module Kit	Price
100	2.00	1.81	3/8-16 UNC 1/2-13 UNC	7.00 (ref)	46765 46766	\$874.00 \$874.00	46735 46736	\$2,782.00 \$2,782.00	46751 46752	\$3,562.00 \$3,562.00
250	2.00	1.81	3/8-16 UNC 1/2-13 UNC	7.00 (ref)	46767 46768	\$874.00 \$874.00	46737 46738	\$2,782.00 \$2,782.00	46753 46754	\$3,562.00 \$3,562.00
500	2.68	2.68	1/2-13 UNC 5/8-11 UNC	9.50 (ref)	46769 46770	\$874.00 \$874.00	46739 46740	\$2,782.00 \$2,782.00	46755 46756	\$3,562.00 \$3,562.00
750	2.68	2.68	1/2-13 UNC 5/8-11 UNC	9.50 (ref)	46771 46772	\$874.00 \$874.00	46741 46742	\$2,782.00 \$2,782.00	46757 46758	\$3,562.00 \$3,562.00
1,000	2.68	2.68	1/2-13 UNC 5/8-11 UNC	9.50 (ref)	46773 46774	\$874.00 \$874.00	46743 46744	\$2,782.00 \$2,782.00	46759 46760	\$3,562.00 \$3,562.00
2,500	2.68	2.68	5/8-11 UNC 3/4-10 UNC	9.50 (ref)	46775 46776	\$874.00 \$874.00	46745 46746	\$2,782.00 \$2,782.00	46761 46762	\$3,562.00 \$3,562.00
3,000	3.37	3.37	3/4-10 UNC	10.75 (ref)	46777	\$938.00	46747	\$3,069.00	46763	\$3,842.00
5,000	3.37	3.37	3/4-10 UNC	12.00 (ref)	46778	\$1,627.00	46748	\$5,067.00	46764	\$6,560.00



WEIGH MODULES ITCM HE

Stainless Steel, Welded Seal, NTEP Certified Isolated Tension Cell Modules



Picture is a representation of actual product.

The ITCM Series utilizes several Rice Lake Weighing Systems components to provide an unmatched level of performance in tank and hopper weighing applications and mechanical scale conversions. The ITCM HE incorporates clevis and unique rod-end ball joint assemblies to reduce the overall length to less than half of the traditional tension cell mounts, while providing correct load alignment. In addition, the load cell is completely isolated from stray currents, which are a major cause of load cell failure. To complete the design, a grounding strap connects the two clevis assemblies to further provide safety to your load cells.



Module with RL20001HE s-beam load cell.

Complete Kit Includes

- Three or four ITCM assemblies with RL20001HE stainless steel, welded seal
- NTEP Certified s-beam load cells
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 500-5,000 lb
- Clevis mounts with nylon insulating washers
- PTFE-lined rod-end ball joints
- Load cell is completely isolated from stray currents
- Grounding strap provides alternative path to ground
- Complete package for ease of installation
- Provides correct load ing even in difficult installations
- Lower overall height compared to other isolated tension assemblies

Applications

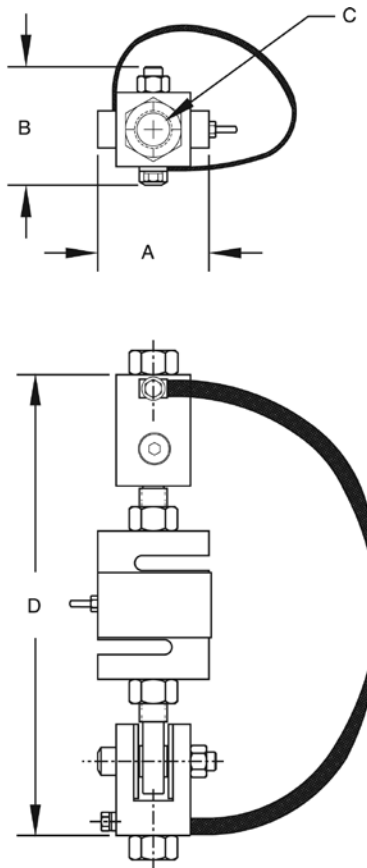
- Suspended hoppers and tanks
- Mechanical scale conversions
- Use as a single module or in multiples

Load Cell Certifications



Load Rating Dimensions Per Module

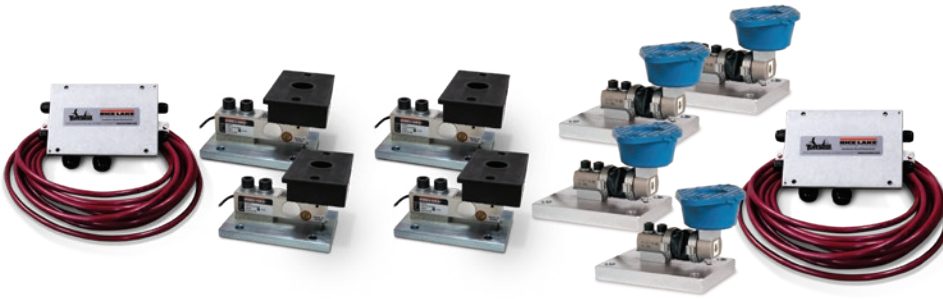
Load Cell Capacity lb/in	A	B	C	D	Single Module	Price	3-Module Kit	Price	4-Module Kit	Price
500	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)	46599 46600 46601	\$1,600.00 \$1,600.00 \$1,600.00	46561 46562 46563	\$4,675.00 \$4,675.00 \$4,675.00	46580 46581 46582	\$6,233.00 \$6,233.00 \$6,233.00
750	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)	46602 46603 46604	\$1,600.00 \$1,600.00 \$1,600.00	46564 46565 46566	\$4,675.00 \$4,675.00 \$4,675.00	46583 46584 46585	\$6,233.00 \$6,233.00 \$6,233.00
1,000	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)	46605 46606 46607	\$1,600.00 \$1,600.00 \$1,600.00	46567 46568 46569	\$4,675.00 \$4,675.00 \$4,675.00	46586 46587 46588	\$6,233.00 \$6,233.00 \$6,233.00
1,500	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)	46608 46609 46610	\$1,600.00 \$1,600.00 \$1,600.00	46570 46571 46572	\$4,675.00 \$4,675.00 \$4,675.00	46589 46590 46591	\$6,233.00 \$6,233.00 \$6,233.00
2,000	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)	46611 46612 46613	\$1,600.00 \$1,600.00 \$1,600.00	46573 46574 46575	\$4,675.00 \$4,675.00 \$4,675.00	46592 46593 46594	\$6,233.00 \$6,233.00 \$6,233.00
2,500	2.68	2.68	5/8-11 UNC 3/4-10 UNC	9.50 (ref)	46614 46615	\$1,600.00 \$1,600.00	46576 46577	\$4,675.00 \$4,675.00	46595 46596	\$6,233.00 \$6,233.00
3,000	3.37	3.37	3/4-10 UNC	10.00 (ref)	46616	\$1,600.00	46578	\$4,675.00	46597	\$6,233.00
5,000	3.37	3.37	3/4-10 UNC	12.62 (ref)	46617	\$2,375.00	46579	\$7,006.00	46598	\$9,290.00



WEIGH MODULES

RL50210TA

Mini Tank Weighing Module



Picture is a representation of actual product.

The RL50210TA weigh module kit provides a cost-effective alternative for your customers' weighing needs. A variety of features makes this kit easy to install and an exceptional choice for various indoor weighing applications where checking requirements are low. Environmentally protected load cells, neoprene isolation/compression mounts and other Rice Lake Weighing Systems components are the keys to this module's outstanding performance.



NTEP Certified 1,000lb mild steel load cell shown.



RL50210TA mild steel (50lb-250lb)

Complete Kit Includes

- Three or four RL50210 cantilever beam load cells (50 lb - 250 lb mild steel)
- Three or four RL30000 single-ended beam load cells (500 lb mild steel)
- Three or four RL32018 single-ended beam load cells (1,000 lb - 2,500 lb mild steel)
- Three or four RL39123 single-ended beam load cells (500 lb stainless steel)
- Three or four RL32018S single-ended beam load cells (1,000 lb - 2,500 lb stainless steel)
- Three or four neoprene isolation/compression mounts
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- NTEP Certified load cells
- Zinc plated mild steel or stainless Steel assemblies
- Weighing ranges from 50 lb to 2,500 lb per module
- Neoprene isolation mounts allow for minor misalignment, thermal expansion and shock absorption
- Overload stop provides durability

Applications

- Small tanks and hoppers
- Conveyor/In-motion weighing
- Small platform scales where minor shock loading may be a problem

Optional Features

- Stainless steel modules available in 500 lb capacities with RL39123 stainless steel load cells

Load Cell Certifications



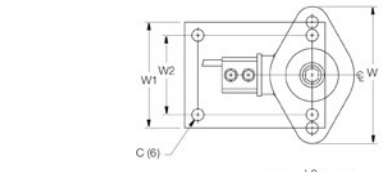
WEIGH MODULES
RL50210TA
 Mini Tank Weighing Module

Dimensions

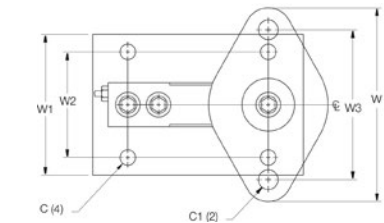
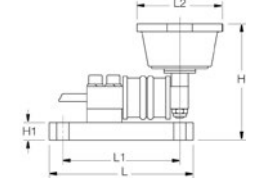
Rated Capacity	C	C1	H	H1	L	L1	L2	W	W1	W2	W3
lb/in											
50-250	0.34	—	3.13	0.50	4.00	3.25	2.38	3.88	3.00	2.25	—
500	0.44	0.56	3.88	0.50	6.00	4.00	3.38	5.50	4.00	3.00	4.13
1,000	0.44	—	4.00	0.50	6.00	4.00	3.00	5.13	4.00	3.00	4.13
2,000-2,500	0.44	0.56	4.00	0.50	6.00	4.00	4.62	6.25	4.00	3.00	5.00

Order Information

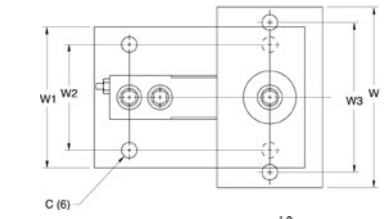
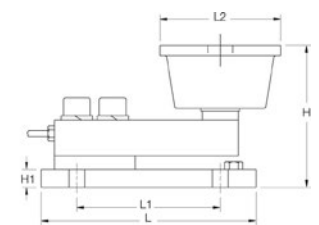
Load Rating (Per Module)	Part #	Price																																																			
Mild Steel Single Module (Includes Load Cell)																																																					
50 lb	17844	\$460.00																																																			
100 lb	17845	\$460.00																																																			
150 lb	17846	\$460.00																																																			
250 lb	17847	\$460.00																																																			
500 lb	17848	\$610.00																																																			
1,000 lb	17849	\$610.00																																																			
2,000 lb	17948	\$610.00																																																			
2,500 lb	17949	\$610.00																																																			
Mild Steel 3-Module Kit																																																					
50 lb	18051	\$1,616.00																																																			
100 lb	18052	\$1,616.00																																																			
150 lb	18053	\$1,616.00																																																			
250 lb	18054	\$1,525.00																																																			
500 lb	18055	\$2,088.00																																																			
1,000 lb	18056	\$2,088.00																																																			
2,000 lb	30398	\$2,088.00																																																			
2,500 lb	30396	\$2,088.00																																																			
Mild Steel 4-Module Kit																																																					
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100 lb	18058	\$2,078.00																																																			
150 lb	18059	\$2,078.00																																																			
250 lb	18060	\$2,078.00																																																			
500 lb	18061	\$2,645.00																																																			
1,000 lb	18062	\$2,645.00 </tr <tr> <td>2,000 lb</td> <td>30397</td> <td>\$2,645.00</td> </tr> <tr> <td>2,500 lb</td> <td>30395</td> <td>\$2,645.00</td> </tr> <tr> <td colspan="3">Stainless Steel Single Module (Includes Load Cell)</td> </tr> <tr> <td>500 lb</td> <td>17954</td> <td>\$715.00</td> </tr> <tr> <td>1,000 lb</td> <td>17955</td> <td>\$675.00</td> </tr> <tr> <td>2,000 lb</td> <td>17956</td> <td>\$675.00</td> </tr> <tr> <td>2,500 lb</td> <td>17957</td> <td>\$675.00</td> </tr> <tr> <td colspan="3">Stainless Steel 3-Module Kit</td> </tr> <tr> <td>500 lb</td> <td>30394</td> <td>\$2,375.00</td> </tr> <tr> <td>1,000 lb</td> <td>30404</td> <td>\$2,375.00</td> </tr> <tr> <td>2,000 lb</td> <td>30402</td> <td>\$2,375.00</td> </tr> <tr> <td>2,500 lb</td> <td>30400</td> <td>\$2,375.00</td> </tr> <tr> <td colspan="3">Stainless Steel 4-Module Kit</td> </tr> <tr> <td>500 lb</td> <td>30393</td> <td>\$3,111.00</td> </tr> <tr> <td>1,000 lb</td> <td>30403</td> <td>\$2,935.00</td> </tr> <tr> <td>2,000 lb</td> <td>30401</td> <td>\$2,935.00</td> </tr> <tr> <td>2,500 lb</td> <td>30399</td> <td>\$2,935.00</td> </tr>	2,000 lb	30397	\$2,645.00	2,500 lb	30395	\$2,645.00	Stainless Steel Single Module (Includes Load Cell)			500 lb	17954	\$715.00	1,000 lb	17955	\$675.00	2,000 lb	17956	\$675.00	2,500 lb	17957	\$675.00	Stainless Steel 3-Module Kit			500 lb	30394	\$2,375.00	1,000 lb	30404	\$2,375.00	2,000 lb	30402	\$2,375.00	2,500 lb	30400	\$2,375.00	Stainless Steel 4-Module Kit			500 lb	30393	\$3,111.00	1,000 lb	30403	\$2,935.00	2,000 lb	30401	\$2,935.00	2,500 lb	30399	\$2,935.00
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500 lb	30393	\$3,111.00																																																			
1,000 lb	30403	\$2,935.00																																																			
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2,500 lb	30399	\$2,935.00																																																			



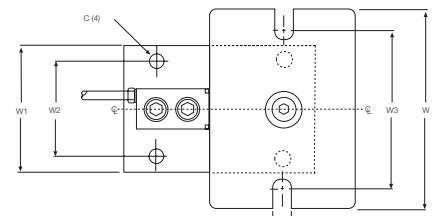
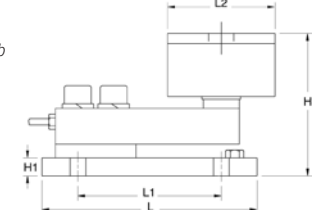
50-250lb



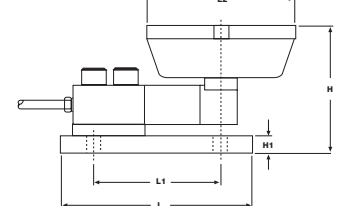
500lb



1,000lb



2,000lb-2,500lb



WEIGH MODULES
65059

Mini Tank Weighing Module, VPG Sensortronics



Picture is a representation of actual product.

The 65059 weigh module kit provides a cost-effective alternative for your customers' low-range weighing needs. A variety of features makes this kit easy to install and an exceptional choice for various indoor weighing applications where checking requirements are low. Environmentally protected load cells, neoprene isolation/compression mounts and other Rice Lake Weighing Systems components are the keys to this module's outstanding performance.



Module with VPG Sensortronics 65023 single-ended shear beam load cell; capacities (per module): NTEP Certified 1,000lb load cell shown.



65059 mild steel (50lb-250lb)

Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four 60040 cantilever beam load cells (50 lb - 250 lb mild steel models)
- Three or four 65023-500-0107 single-ended beam load cells (500 lb mild steel models)
- Three or four 65023A1K-5107 single-ended beam load cells (1,000 lb - 2,500 lb mild steel models)
- Three or four 65023-500-0113 single-ended beam load cells (500 lb stainless steel model)
- Three or four 65023S1K-5113 single-ended beam load cells (1,000 lb - 2,500 lb stainless steel models)
- Three or four neoprene isolation/compression mounts
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Zinc plated, mild steel modules
- Lower weighing ranges from 50 lb - 500 lb per module
- Environmentally protected load cells
- Neoprene isolation/compression mounts allow for minor misalignment, thermal expansion and shock absorption
- Overload stop for 500 lb modules provides durability

Applications

- Small tanks and hoppers
- Conveyor/In-motion weighing
- Small platform scales where minor shock loading may be a problem

Load Cell Certifications

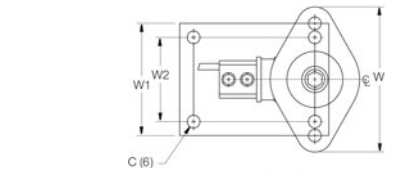


Dimensions

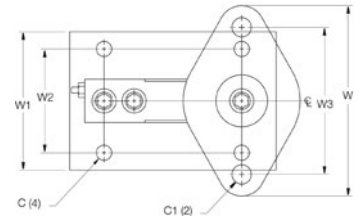
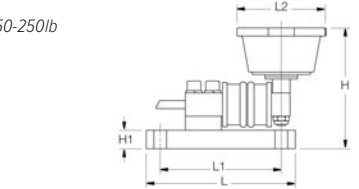
Rated Capacity	C	C1	H	H1	L	L1	L2	W	W1	W2	W3
lb/in											
50-250	0.34	—	3.13	0.50	4.00	3.25	2.38	3.88	3.00	2.25	—
500	0.44	0.56	3.88	0.50	6.00	4.00	3.38	5.50	4.00	3.00	4.13
1,000	0.44	—	4.00	0.50	6.00	4.00	3.00	5.13	4.00	3.00	4.13
2,000-2,500	0.44	0.56	4.00	0.50	6.00	4.00	4.62	6.25	4.00	3.00	5.00

Order Information

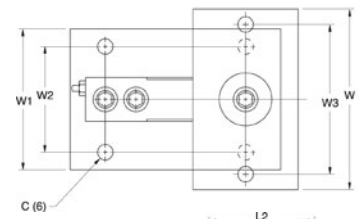
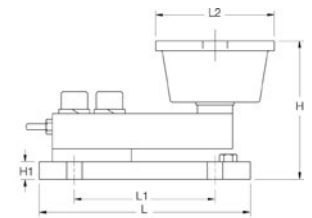
Load Rating (Per Module)	Part #	Price
Mild Steel Single Module (Includes Load Cell)		
50 lb	17825	\$460.00
100 lb	17826	\$460.00
150 lb	17827	\$460.00
250 lb	17828	\$460.00
500 lb	17829	\$609.00
1,000 lb	17830	\$609.00
2,000 lb	17946	\$609.00
2,500 lb	17947	\$609.00
Mild Steel 3-Module Kit		
50 lb	18063	\$1,616.00
100 lb	18064	\$1,616.00
150 lb	18065	\$1,616.00
250 lb	18066	\$1,616.00
500 lb	18067	\$2,088.00
1,000 lb	18068	\$2,088.00
2,000 lb	30413	\$2,088.00
2,500 lb	30412	\$2,088.00
Mild Steel 4-Module Kit		
50 lb	18069	\$2,078.00
100 lb	18070	\$2,078.00
150 lb	18071	\$2,078.00
250 lb	18072	\$2,078.00
500 lb	18073	\$2,645.00
1,000 lb	18074	\$2,645.00
2,000 lb	30414	\$2,645.00
2,500 lb	30411	\$2,645.00
Stainless Steel Single Module (Includes Load Cell)		
500 lb	17950	\$715.00
1,000 lb	17951	\$715.00
2,000 lb	17952	\$715.00
2,500 lb	17953	\$715.00
Stainless Steel 3-Module Kit		
500 lb	30392	\$2,375.00
1,000 lb	30410	\$2,375.00
2,000 lb	30408	\$2,375.00
2,500 lb	30406	\$2,375.00
Stainless Steel 4-Module Kit		
500 lb	30391	\$3,111.00
1,000 lb	30409	\$3,111.00
2,000 lb	30407	\$3,111.00
2,500 lb	30405	\$3,111.00



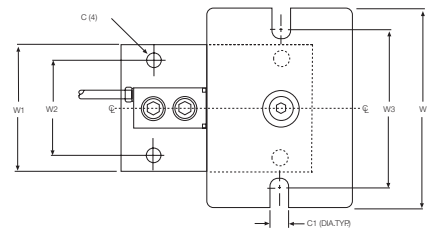
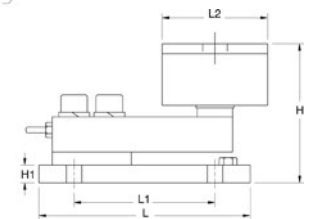
50-250lb



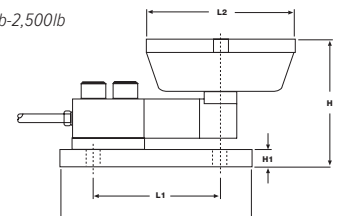
500lb



1,000lb



2,000lb-2,500lb



WEIGH MODULES

RL50219SS-TA

Mini Tank Weighing Module, Stainless Steel



Picture is a representation of actual product.

The RL50219SS-TA weigh module kit provides a cost-effective alternative for your customers' low-range weighing needs. A variety of features makes this kit easy to install and an exceptional choice for various indoor weighing applications where checking requirements are low. Environmentally protected load cells, neoprene isolation/compression mounts and other Rice Lake Weighing Systems components are the keys to this module's outstanding performance.



RL50219SS-TA stainless (50lb-250lb)

Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four RL50219SS cantilever beam load cells (50-250 lb models)
- Three or four stainless steel single-ended beam load cells (500 lb models)
- Three or four neoprene isolation/compression mounts
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Stainless steel modules
- Lower weighing ranges from 50-500 lb per module
- Environmentally protected load cells
- Neoprene isolation/compression mounts allow for minor misalignment, thermal expansion and shock absorption
- Overload stop for 500 lb modules provides durability

Applications

- Small tanks and hoppers
- Conveyor/In-motion weighing
- Small platform scales where minor shock loading may be a problem

WEIGH MODULES
RL50219SS-TA

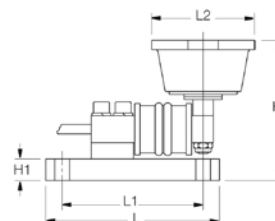
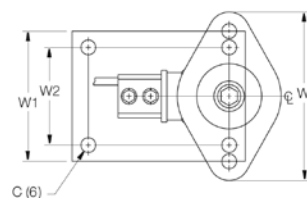
Mini Tank Weighing Module, Stainless Steel

Dimensions

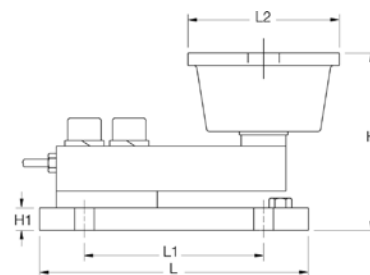
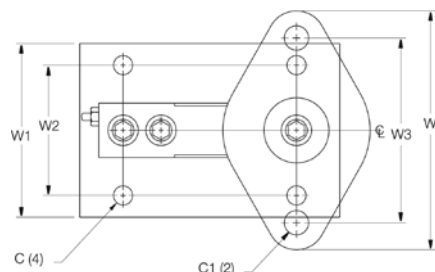
Rated Capacity	C	C1	H	H1	L	L1	L2	W	W1	W2	W3
lb/in											
50-250	0.34	—	3.13	0.50	4.00	3.25	2.38	3.88	3.00	2.25	—
500	0.44	0.56	3.88	0.50	6.00	4.00	3.38	5.50	4.00	3.00	4.13

Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Includes Load Cell)		
50 lb	196829	\$695.00
75 lb	196830	\$695.00
100 lb	196831	\$695.00
150 lb	196832	\$695.00
250 lb	196833	\$695.00
500 lb	17954	\$715.00
3-Module Kit		
50 lb	196840	\$2,364.00
75 lb	196841	\$2,364.00
100 lb	196842	\$2,364.00
150 lb	196843	\$2,364.00
250 lb	196844	\$2,364.00
500 lb	30394	\$2,375.00
4-Module Kit		
50 lb	196845	\$3,058.00
75 lb	197015	\$3,058.00
100 lb	196846	\$3,058.00
150 lb	196848	\$3,058.00
250 lb	196849	\$3,058.00
500 lb	30393	\$3,111.00



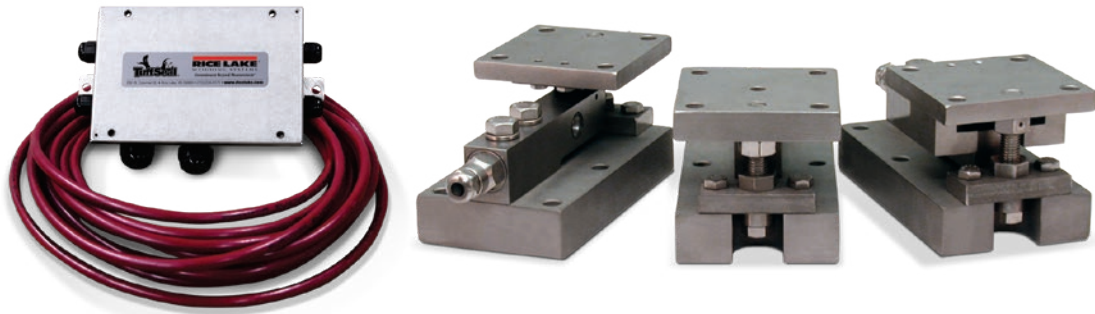
50-250lb



500lb

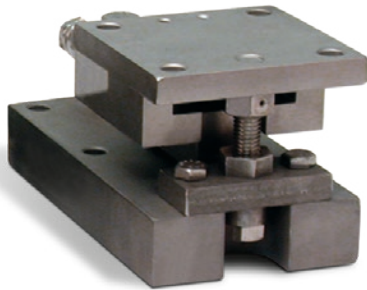
Paramounts® EP

Environmentally Protected, Mild Steel, Light- to Medium-capacity Tank Weighing Systems

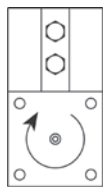


Picture is a representation of actual product.

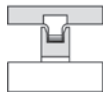
The Paramounts EP system offers all the design advantages of the Paramounts system in applications where the extensive sealing of the SB4 load cell is not necessary. Paramounts EP provides a low-cost alternative for the superior mechanical loading system found in the standard Paramounts. Economy and performance are in one complete weighing system.



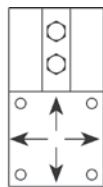
Free-sliding module with Flintec SB5 single-ended beam load cell.



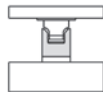
A: FIXED PIN



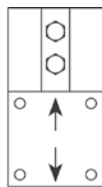
Fixed-pin Mount



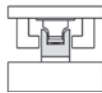
B: FREE SLIDING



Free-sliding Mount



C: SIDE STOP



Side-stop Mount

Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- One fixed-pin module, one side-stop module, and one or two free-sliding assemblies. Each module is complete with a Flintec SB5 NTEP Certified 1:5000d, Class III, stainless steel environmentally protected load cell
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

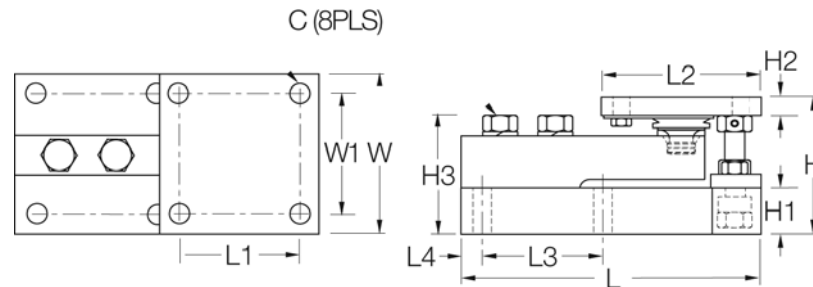
- Capacities (per module): 1,125-22,500 lb
- NTEP Certified load cells
- Unique design allows for thermal expansion/contraction
- Jacking screw allows empty vessel to be lifted clear of load cell for maintenance
- Unique blind load hole eliminates unwanted side and eccentric loads
- Vessel is free to slide laterally on PTFE-coated surfaces
- Load cell outputs are matched to $\pm 0.07\%$ allowing replacement without further calibration

Applications

- Light- to medium-capacity tanks and hoppers
- Process measurement and control

Load Cell Certifications





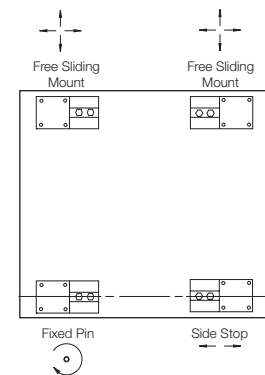
Dimensions

Rated Capacity	C	H	H1	*H2	**H2	H3	L	L1	L2	L3	L4	W	W1
kN/in													
5-23	0.44	3.58	1.25	0.50	0.75	3.06	7.51	3.00	4.00	3.00	0.50	4.00	3.00
50	0.56	4.66	1.50	0.62	1.00	4.09	9.19	3.87	5.00	3.87	0.56	5.00	3.87
100	0.69	6.41	2.00	0.75	1.25	5.73	11.46	4.75	6.00	4.75	0.69	6.00	4.75

* Side-stop and free-sliding units ** Fixed-pin units

Order Information

Load Rating (Per Module)	Part #	Price
NTEP Certified 3-Module Kits		
5 kN	33683	\$2,575.00
10 kN	33682	\$2,575.00
23 kN	33681	\$2,575.00
50 kN	33680	\$2,965.00
NTEP Certified 4-Module Kits		
5 kN	33678	\$3,433.00
10 kN	33677	\$3,433.00
23 kN	33676	\$3,433.00
50 kN	33675	\$4,372.00
Non-NTEP Certified 3-Module Kit		
100 kN	33679	\$4,712.00
Non-NTEP Certified 4-Module Kit		
100 kN	33674	\$5,803.00

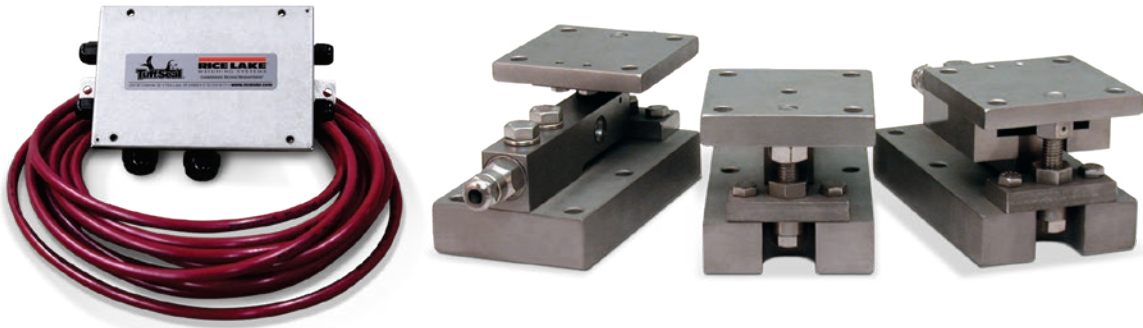


VESSEL ARRANGEMENT

When arranged as illustrated, the vessel is fixed at one corner but is able to slide freely as indicated. This ensures that there is minimal side loading on the cells and at the same time the vessel is self-checking. The unique, patented blind load hole technology used in these mounts introduces the load at the neutral axis of the load cell which helps minimize the effects of side loads.

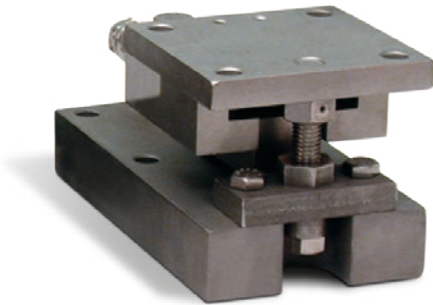
Paramounts® HS

Hermetically Sealed, Mild Steel, Light- to Medium-capacity Tank Weighing Systems

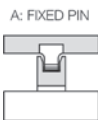
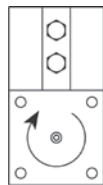


Picture is a representation of actual product.

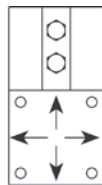
The Paramounts tank weighing system consists of one fixed-pin mount which allows only the top plate to rotate, one side-stop mount which allows the top plate to slide along the cell only, and one or more free-sliding mount(s) which allows the top plate to slide freely in all directions. This system provides self checking while maintaining unparallelled system accuracy.



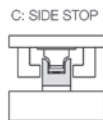
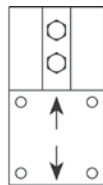
Free-sliding module with Flintec SB4 bending beam load cell.



Fixed-Pin Mount



Free-Sliding Mount



Side-Stop Mount

Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- One fixed-pin module, one side-stop module, and one or two free-sliding assemblies. Each module is complete with a FLINTEC SB4 or SB10 (520 lb) stainless steel hermetically sealed load cell
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 520-22,500 lb
- Unique design allows for thermal expansion/contraction
- Jacking screw allows empty vessel to be lifted clear of load cell for maintenance
- Unique blind load hole eliminates unwanted side and eccentric loads
- Vessel is free to slide laterally on PTFE-coated surfaces
- Load cell outputs are matched to $\pm 0.07\%$ allowing replacement without further calibration

Optional Features

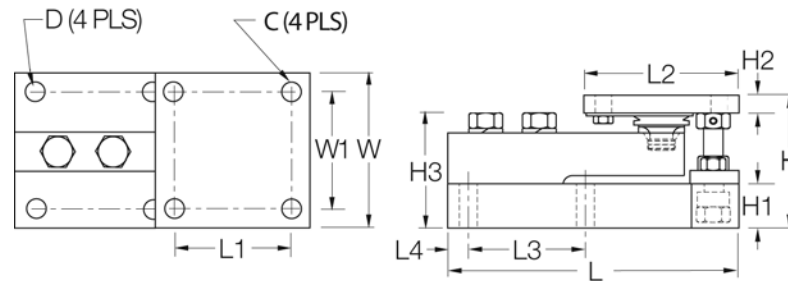
- NTEP Certified load cells available: Capacities 1,125 -11,250 lb

Applications

- Light- to medium-capacity tanks and hoppers
- Mixers and blenders
- Process measurement and control

Load Cell Certifications





Dimensions

Rated Capacity	C	D	H	H1	*H2	**H2	H3	L	L1	L2	L3	L4	W	W1
2.3 kN	0.38	0.44	3.49	1.00	0.50	0.75	2.98	7.51	3.00	4.00	3.00	0.50	4.00	3.00
5 kN-23 kN	0.44	0.44	3.58	1.25	0.50	0.75	3.06	7.51	3.00	4.00	3.00	0.50	4.00	3.00
50 kN	0.56	0.56	4.66	1.50	0.62	1.00	4.09	9.19	3.87	5.00	3.87	0.56	5.00	3.87
100 kN	0.69	0.69	6.41	2.00	0.75	1.25	5.73	11.46	4.75	6.00	4.75	0.69	6.00	4.75

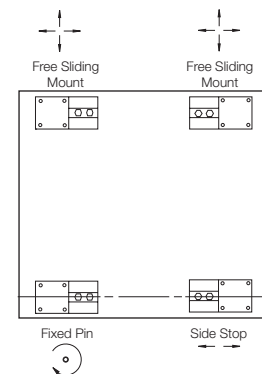
* Side-stop and free-sliding units ** Fixed-pin units

Order Information

Load Rating (Per Module)	Part #	Price
NTEP Certified 3-Module Kit		
5 kN	29871	\$3,280.00
10 kN	29872	\$3,280.00
23 kN	29873	\$3,280.00
50 kN	29874	\$4,000.00
NTEP Certified 4-Module Kit		
5 kN	29875	\$4,415.00
10 kN	29876	\$4,415.00
23 kN	29877	\$4,415.00
50 kN	29878	\$4,975.00

Order Information

Load Rating (Per Module)	Part #	Price
Non-NTEP Certified 3-Module Kit		
2.3 kN	38205	\$4,170.00
5 kN	17977	\$3,175.00
10 kN	17978	\$3,175.00
23 kN	17979	\$3,175.00
50 kN	17980	\$3,842.00
100 kN	17981	\$4,970.00
Non-NTEP Certified 4-Module Kit		
2.3 kN	38206	\$5,560.00
5 kN	17984	\$4,192.00
10 kN	17985	\$4,192.00
23 kN	17986	\$4,192.00
50 kN	17987	\$4,755.00
100 kN	17988	\$6,000.00
**Conduit adapter 1/2-14 NPT	17703	\$50.00

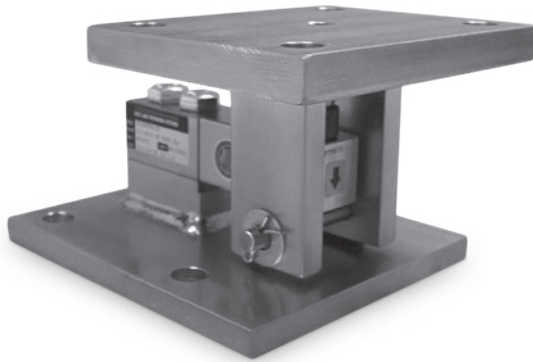


VESSEL ARRANGEMENT

When arranged as illustrated, the vessel is fixed at one corner but is able to slide freely as indicated. This ensures that there is minimal side loading on the cells and at the same time the vessel is self-checking. The unique, patented blind load hole technology used in these mounts introduces the load at the neutral axis of the load cell which helps minimize the effects of side loads.

WEIGH MODULES RLBTM

Mild Steel/Stainless Steel Weigh Modules



Does not include load cell.
Picture is a representation of actual product.

The RLBTM mount was specifically created to take advantage of the improved load introduction accuracy of the ball and cup design. This multi-purpose mount is ideal for both indoor and outdoor applications, and can be used with a variety of single-ended beam load cells. Available in both mild and stainless steel, the RLBTM offers superior accuracy at an affordable price. These assemblies are also quick and easy to install, making the RLBTM the perfect choice for low-capacity, multi-purpose weighing needs.

Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	I
lb/in									
250-5,000 SE*	8.00	5.00	6.00	4.50	3.50	4.75	4.00	7.00	0.63

*SE refers to small envelope

Mild Steel Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Does NOT Include Load Cell)		
250 lb-5,000 lb SE	53059	\$410.00

Stainless Steel Order Information

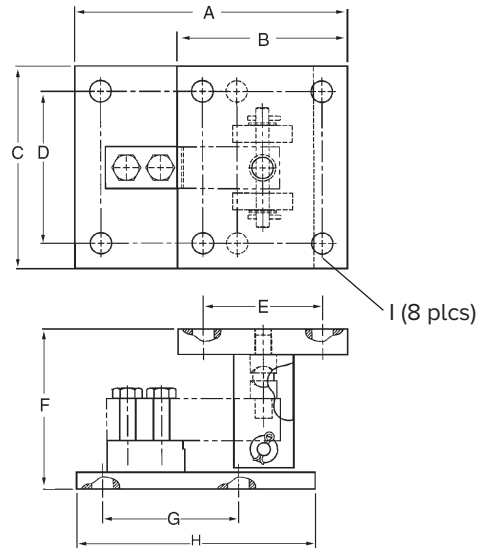
Load Rating (Per Module)	Part #	Price
Single Module (Does NOT Include Load Cell)		
250 lb-5,000 lb SE	53066	\$625.00

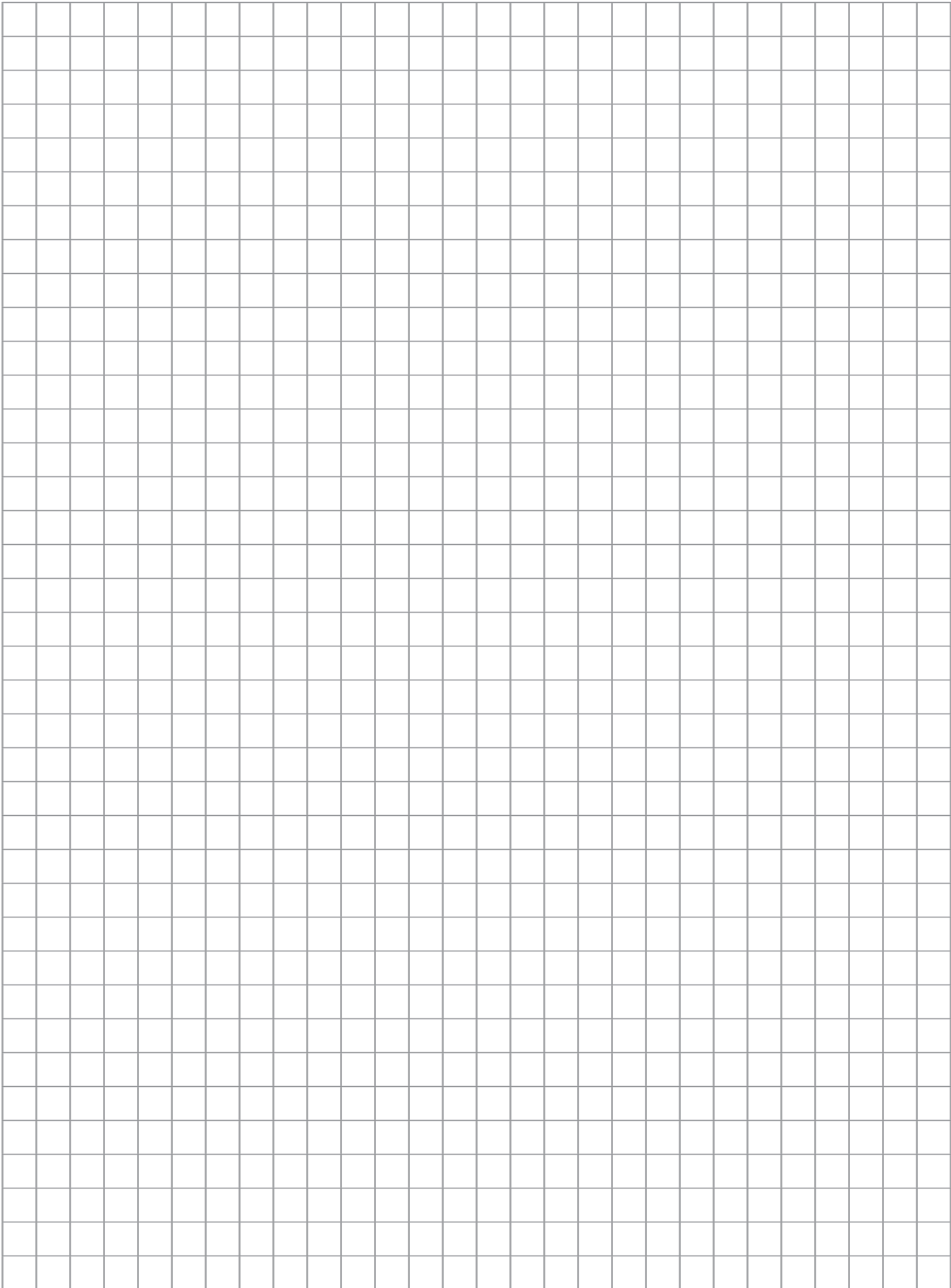
Standard Features

- Capacities (per module): 250-5,000 lb SE
- Zinc plated, mild steel construction or stainless steel construction
- Self-checking, multi-directional movement
- Design incorporates a ball and cup for self centering
- The RLBTM will accommodate a standard shear beam 250-5,000 lb SE load cell that has a threaded load hole. RL30000, RL39123, RL35023, RL35082, RL35083

Applications

- Light- to medium-capacity tanks and hoppers
- Conveyors

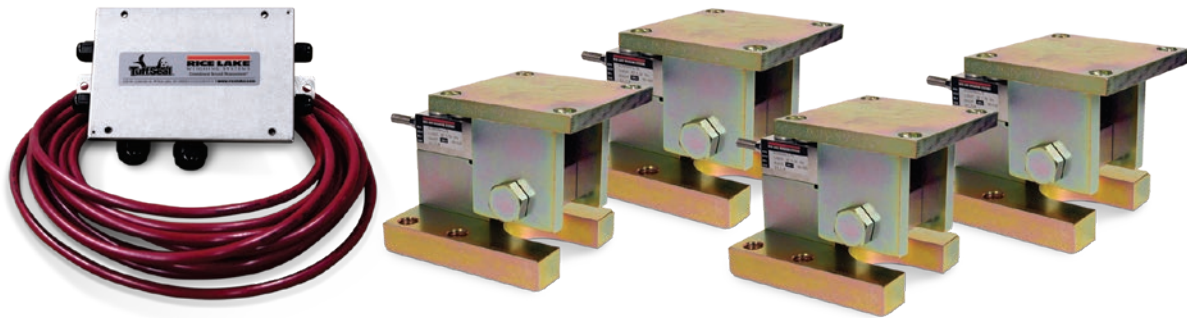




WEIGH MODULES

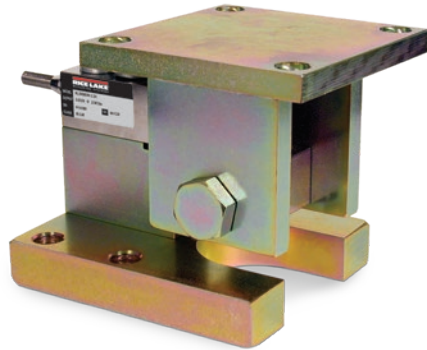
RL1800 Series

Mild Steel/Stainless Steel Weigh Modules



Picture is a representation of actual product

The RL1800 Series mounting assembly kit utilizes several Rice Lake Weighing Systems components to provide an unmatched level of performance in tank and hopper weighing applications. The RL1800 Series kit is ideally suited for indoor and outdoor process control operations with medium-range capacities. Each module combines multi-directional movement and self-checking capabilities. The load cells used are NTEP Certified in capacities of 1,000 lb to 10,000 lb.



Module with RL32018 single-ended beam load cell.

Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four RL1800 mild steel or stainless steel compression mounts
- Three or four RL32018 single-ended beam load cells, RL32018S used in stainless steel
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 250-10,000 lb
- NTEP Certified cells in 1,000-10,000 lb capacities, except 3,000 lb
- Zinc plated mild steel/stainless steel construction
- Center-pivoted, tension loading design
- Self-checking, multi-directional movement
- Load is suspended on high-strength bolt instead of wire rope
- Design incorporates spherical washers for self centering
- Stainless steel kit includes RL32018S NTEP Certified load cell

Applications

- Conveyors
- Medium-capacity tanks and hoppers

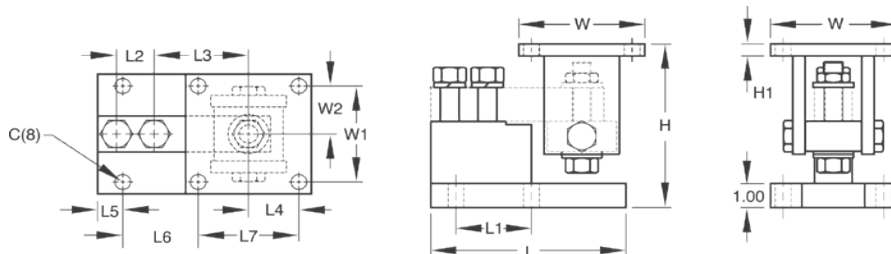
Load Cell Certifications



Except 250lb
and 500lb

RL1800 Series

Mild Steel/Stainless Steel Weigh Modules



Dimensions

Rated Capacity	C	H Min/ Max	H1	L	L1	L2	L3	L4	L5	L6	L7	W	W1	W2
Mild Steel Construction														
lb/in														
250-5,000 SE	0.62	5.25/5.56	0.50	6.00	2.00	1.00	3.00	2.00	0.68	1.94	4.00	5.00	4.00	2.00
5,000 LE-10,000	0.62	6.12/6.62	0.50	7.75	3.00	1.50	3.75	2.00	1.03	2.97	4.00	5.00	4.00	2.00
Stainless Steel Construction														
lb/in														
1,000-4,000	0.62	5.25/5.56	0.50	6.00	2.00	1.00	3.00	2.00	0.68	1.94	4.00	5.00	4.00	2.00
5,000-10,000	0.62	6.12/6.62	0.50	7.75	3.00	1.50	3.75	2.00	1.03	2.97	4.00	5.00	4.00	2.00

Mild Steel Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Does NOT Include Load Cell)		
250 lb-5,000 lb SE	17817	\$380.00
5,000 lb LE-10,000 lb	17819	\$408.00
3-Module Kit		
250 lb*	18075	\$2,290.00
500 lb*	18076	\$2,290.00
1,000 lb	18077	\$2,290.00
2,000 lb	18078	\$2,290.00
2,500 lb	18079	\$2,290.00
3,000 lb	18080	\$2,290.00
4,000 lb	18081	\$2,290.00
5,000 lb SE	18082	\$2,290.00
5,000 lb LE	18083	\$2,640.00
10,000 lb	18084	\$2,640.00
4-Module Kit		
250 lb*	18085	\$2,973.00
500 lb*	18086	\$2,973.00
1,000 lb	18087	\$2,973.00
2,000 lb	18088	\$2,973.00
2,500 lb	18089	\$2,973.00
3,000 lb	18090	\$2,973.00
4,000 lb	18091	\$2,973.00
5,000 lb SE	18092	\$2,973.00
5,000 lb LE	18093	\$3,418.00
10,000 lb	18094	\$3,418.00

SE=Small envelope; LE=Large envelope

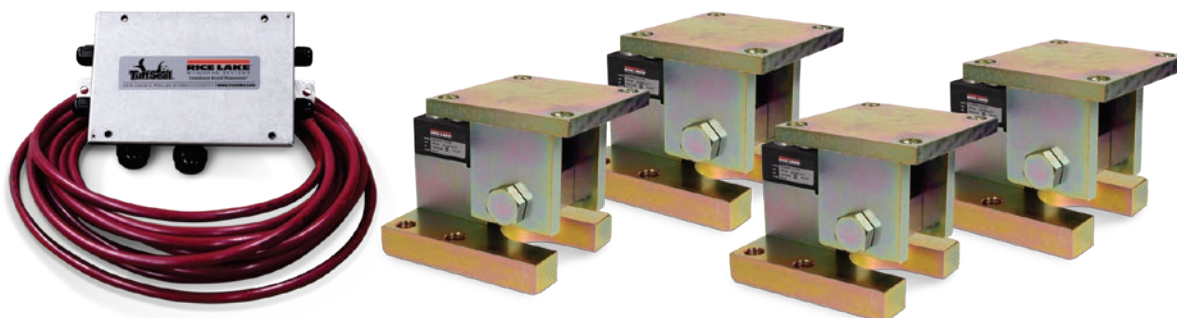
* Non-NTEP Certified using RL30000 or RL32018 load cells.

Stainless Steel Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Does NOT Include Load Cell)		
250 lb-4,000 lb	17818	\$610.00
5,000 lb-10,000 lb	17820	\$645.00
3-Module Kit		
1,000 lb	18095	\$3,100.00
2,000 lb	18096	\$3,100.00
2,500 lb	18097	\$3,100.00
4,000 lb	18099	\$3,100.00
5,000 lb LE	18100	\$3,355.00
10,000 lb	18101	\$3,355.00
4-Module Kit		
1,000 lb	18102	\$4,129.00
2,000 lb	18103	\$4,129.00
2,500 lb	18104	\$4,129.00
4,000 lb	18106	\$4,129.00
5,000 lb LE	18107	\$4,478.00
10,000 lb	18108	\$4,478.00
Dummy Cell		
Dummy load cell 1k-5k SE	22980	\$53.00

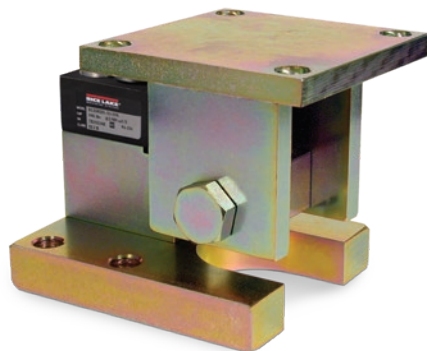
RL1800 Series Painted Load Cell Version

Stainless Steel Weigh Modules



Picture is a representation of actual product

The RL1800 Series mounting assembly kit utilizes several Rice Lake Weighing Systems components to provide an unmatched level of performance in tank and hopper weighing applications. The RL1800 Series kit is ideally suited for indoor and outdoor process control operations with medium-range capacities. Each module combines multi-directional movement and self-checking capabilities. The load cells used are NTEP Certified in capacities of 1,000 lb to 10,000 lb.



Module with RL35023S painted single-ended beam load cell.

Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four RL1800 stainless steel compression mounts
- Three or four RL35023S painted stainless steel single-ended beam load cells
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 1,000-10,000 lb
- NTEP Certified cells in 1,000-10,000 lb capacities
- Stainless steel construction
- Center-pivoted, tension loading design
- Self-checking, multi-directional movement
- Load is suspended on high-strength bolt instead of wire rope
- Design incorporates spherical washers for self centering
- Painted load cells for corrosion protection

Applications

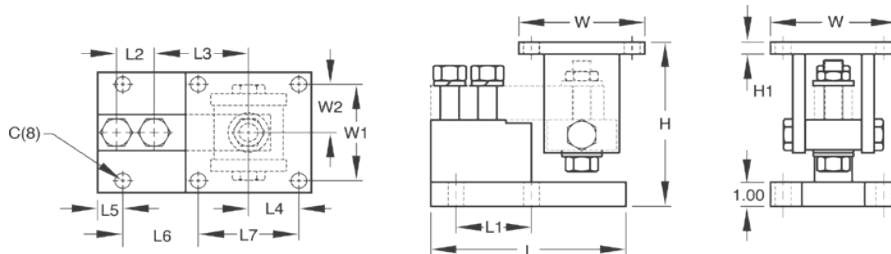
- Conveyors
- Medium-capacity tanks and hoppers

Load Cell Certifications



RL1800 Series Painted Load Cell Version

Stainless Steel Weigh Modules



Dimensions

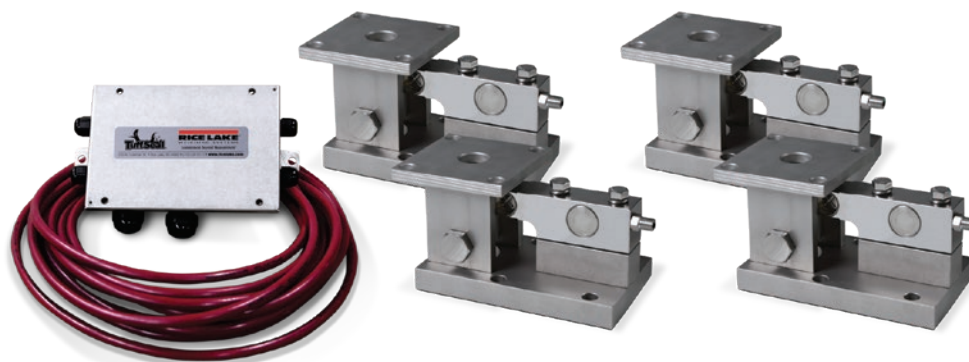
Rated Capacity	C	H Min/ Max	H1	L	L1	L2	L3	L4	L5	L6	L7	W	W1	W2
lb/in														
1,000-4,000	0.62	5.25/5.56	0.50	6.00	2.00	1.00	3.00	2.00	0.68	1.94	4.00	5.00	4.00	2.00
5,000-10,000	0.62	6.12/6.62	0.50	7.75	3.00	1.50	3.75	2.00	1.03	2.97	4.00	5.00	4.00	2.00

Stainless Steel Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Does NOT Include Load Cell)		
1,000 lb-4,000 lb	17818	\$610.00
5,000 lb-10,000 lb	17820	\$645.00
3-Module Kit		
1,000 lb	188177	\$3,085.00
2,000 lb	188179	\$3,085.00
2,500 lb	188181	\$3,085.00
4,000 lb	188183	\$3,085.00
5,000 lb	188185	\$3,340.00
10,000 lb	188187	\$3,340.00
4-Module Kit		
1,000 lb	188178	\$4,112.00
2,000 lb	188180	\$4,112.00
2,500 lb	188182	\$4,112.00
4,000 lb	188184	\$4,112.00
5,000 lb	188186	\$4,450.00
10,000 lb	188188	\$4,450.00

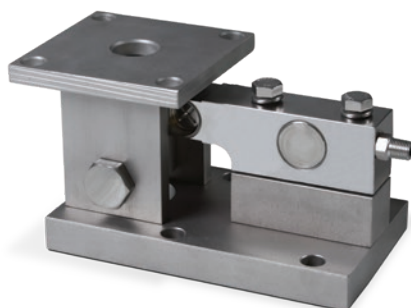
RL1900 Series

Stainless Steel Weigh Modules



Picture is a representation of actual product

The RL1900 Series weigh module kit utilizes several Rice Lake Weighing Systems components to provide an unmatched level of performance in tank and hopper weighing applications. The RL1900 kit is ideally suited for tank, hopper and bin weighing operations with medium-range capacities. Each module combines multi-directional movement and self-checking capabilities. The welded-seal, stainless steel RLSSB load cell withstands washdown environments that may present problems to other cells.



Module with welded-seal RLSSB single-ended beam load cell.

Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four RL1900 stainless steel compression mounts
- Three or four RLSSB welded stainless steel single-ended beam load cells
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- NTEP Certified load cells, 1:5000d, Class III single cell
- Capacities (per module): 1,000-10,000lb
- 304 stainless steel construction
- Center-pivoted, tension loading design
- Welded-seal stainless steel load cells, IP67
- Self-checking, multi-directional movement
- Easy load cell replacement
- Load is suspended on high-strength bolt instead of wire rope
- Design incorporates spherical washers

Optional Features

- Also compatible with RTI SSB load cells

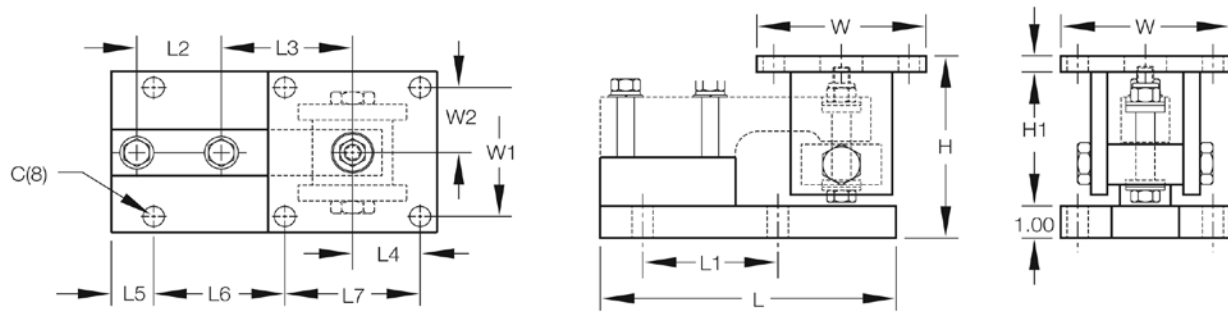
Applications

- Medium-capacity tanks, bins and hoppers
- Washdown applications

Load Cell Certifications



WEIGH MODULES
RL1900 Series
 Stainless Steel Weigh Modules



Dimensions

Rated Capacity	C	H Min/Max	H1	L	L1	L2	L3	L4	L5	L6	L7	W	W1	W2
lb/in														
1,000-5,000	0.62	5.38/5.62	0.50	8.75	4.00	2.50	3.88	2.00	1.12	4.00	4.00	5.00	4.00	2.00
10,000	0.81	6.88/7.50	1.00	9.75	5.00	2.63	4.88	2.25	1.00	5.00	4.50	6.00	4.50	2.25

Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Does NOT Include Load Cell)		
1,000 lb-5,000 lb	17841	\$667.00
10,000 lb	17843	\$725.00
3-Module Kit		
1,000 lb	18109	\$4,187.00
2,000 lb	18110	\$4,187.00
5,000 lb	18111	\$4,187.00
10,000 lb	18112	\$4,665.00
4-Module Kit		
1,000 lb	18113	\$5,575.00
2,000 lb	18114	\$5,575.00
5,000 lb	18115	\$5,575.00
10,000 lb	18116	\$6,175.00



Picture is a representation of actual product.

The RLTM weigh module assembly features a stainless steel, welded-seal RL30745 or RL32018S-T NTEP Certified load cell and a fully stainless mount including all associated hardware. Using a rocker pin-loading concept, this design provides accurate weighing in most conditions. Standard features include both overload and overlift protection, making it ideal for most outdoor, low-capacity tank and vessel weighing applications. Each Rice Lake RLTM module is provided standard with one load cell with 30 ft of cable and one mount.

Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four Rice Lake RLTM stainless steel mounting assemblies
- Three or four RL30745 or RL32018S-T stainless steel load cells
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

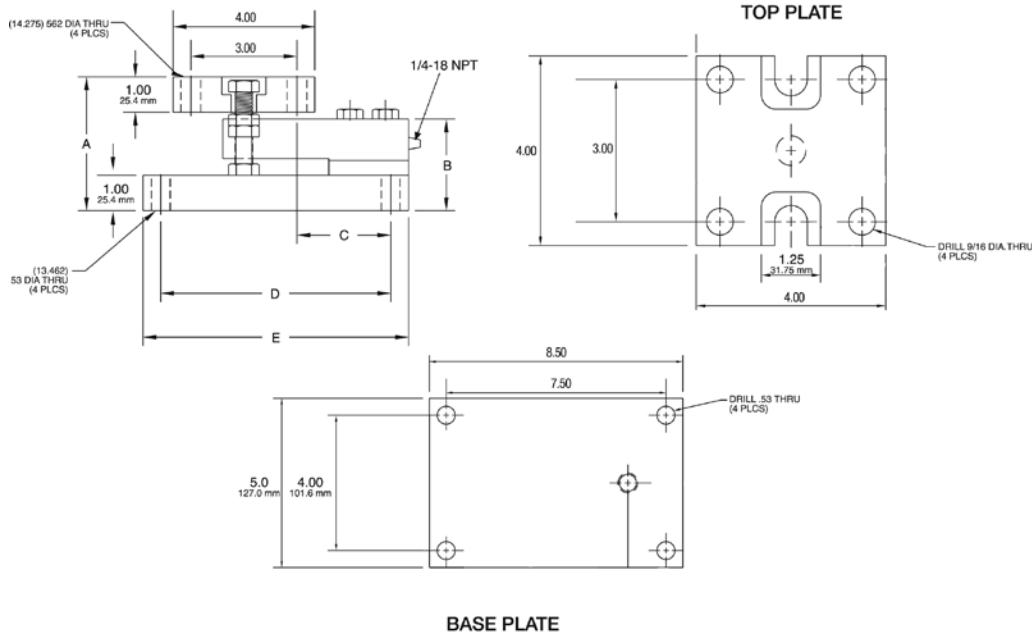
- Capacities: 500-10,000 lb
- Stainless steel
- Overload and over lift protection
- Rocker pin loading
- Welded-seal load cells
- Integral lateral stops
- 30 ft cable on load cells

Applications

- Lower capacity tank and vessel weighing
- Process control and batching

Load Cell Certifications:





Dimensions

Rated Capacity	A	B	C	D	E
500-2,500	3.77	2.59	2.62	6.50	7.50
5,000	3.99	2.83	2.62	6.50	7.50
10,000	4.27	3.08	3.88	7.50	8.50

Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Includes Load Cell)		
500 lb	159288	\$1,057.00
1,250 lb	159289	\$1,057.00
2,500 lb	159290	\$1,057.00
5,000 lb	159291	\$1,277.00
10,000 lb	159292	\$1,277.00
3-Module Kit		
500 lb	162942	\$3,297.00
1,250 lb	162944	\$3,297.00
2,500 lb	162945	\$3,297.00
5,000 lb	162946	\$4,080.00
10,000 lb	162947	\$4,080.00
4-Module Kit		
500 lb	162948	\$4,350.00
1250 lb	162949	\$4,350.00
2500 lb	162950	\$4,350.00
5000 lb	162951	\$5,240.00
10,000 lb	162953	\$5,240.00

WEIGH MODULES

RL9000TWM Series

Stainless Steel, Tank, Hopper and Vessel Weighing Assembly



Picture is a representation of actual product.

The RL9000TWM Series stainless steel weigh module is ideal for use in tank, hopper, vessel and many other applications. The low-profile design offers an economical solution in a competitive marketplace. This rugged, high-precision mount is designed for easy installation and does not require check rods or other stabilizing hardware. The stainless steel construction and welded seal offer additional protection in washdown areas.

Specifications

Full Scale Output:
3 (\pm 0.1%) mV/V

Bridge Resistance:
350 ohms

Material/Finish:
Stainless steel

Operating Temperature:
0° F to 150° F (-17° C to 65° C)

Seal Type:
Welded-seal, IP67

Safe Overload:
150% full scale

Rated Excitation:
5-10 VDC

Insulation Resistance:
5,000 megohms

Non-linearity:
1 k-100 k 0.05% full scale
150 k-450 k 0.1% full scale

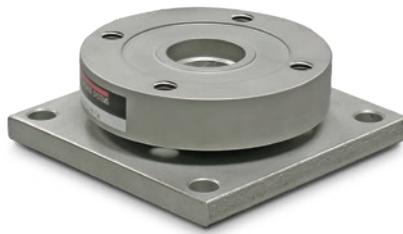
Non-repeatability:
1-100 k=0.02% full scale
150-450 k=0.03% full scale

Cable Length:
25 ft

Deflection at Capacity:
1-15 k=0.002in
20-50 k=0.004in
60-100 k=0.007in
150-200 k=0.007in
250-400 k=0.009in

Cable Color Code:
Green +Excitation
Black -Excitation
White +Signal
Red -Signal

Warranty:
Two-year limited



Assembly with integral
RL9000TWM compression disk load cell.

Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four stainless steel mounting assemblies
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities: 1,000-450,000lb
- Very low profile design
- 3 mV/V output
- Self-centering
- Self-checking assembly
- Offers 100% sideload, 100% uplift and 150% static safe load and 300% ultimate static overload protection
- Stainless steel construction
- Welded seal
- Weighs accurately with as much as a 3° non-parallel load
- Includes 25 ft load cell cable

Optional Features

- Stainless steel top plates (150,000- 450,000 lb have mild steel painted base plate)

Applications

- Tank, hopper or vessel weighing

Load Cell Certifications



RL9000TWM Series

Stainless Steel, Tank, Hopper and Vessel Weighing Assembly

Order information

Load Rating (Per Module)	Part #	Price
Single Module		
1,000 lb	84353	\$710.00
2,500 lb	84354	\$710.00
5,000 lb	84355	\$710.00
10,000 lb	84356	\$710.00
15,000 lb	84357	\$710.00
20,000 lb	84358	\$1,350.00
25,000 lb	84359	\$1,350.00
35,000 lb	84360	\$1,350.00
50,000 lb	84361	\$1,350.00
60,000 lb	84362	\$2,255.00
75,000 lb	84363	\$2,255.00
100,000 lb	84364	\$2,255.00
150,000 lb	84365	\$4,600.00
200,000 lb	84366	\$4,600.00
250,000 lb	84368	\$6,750.00
300,000 lb	84369	\$6,750.00
400,000 lb	84370	\$6,750.00
450,000 lb	84371	\$6,750.00
3-Module Kit		
1,000 lb	98974	\$2,355.00
2,500 lb	98980	\$2,355.00
5,000 lb	98981	\$2,355.00
10,000 lb	98982	\$2,355.00
15,000 lb	98983	\$2,355.00
20,000 lb	98984	\$4,275.00
25,000 lb	98985	\$4,275.00
35,000 lb	98986	\$4,275.00
50,000 lb	98987	\$4,275.00
60,000 lb	98988	\$6,930.00
75,000 lb	98989	\$6,930.00
100,000 lb	98990	\$6,930.00
150,000 lb	98991	\$13,935.00
200,000 lb	98992	\$13,935.00
250,000 lb	98993	\$20,415.00
300,000 lb	98994	\$20,415.00
400,000 lb	98995	\$20,415.00
450,000 lb	98996	\$20,415.00
4-Module Kit		
1,000 lb	98997	\$2,970.00
2,500 lb	98998	\$2,970.00
5,000 lb	98999	\$2,970.00
10,000 lb	99000	\$2,970.00
15,000 lb	99001	\$2,970.00
20,000 lb	99002	\$5,530.00
25,000 lb	99003	\$5,530.00
35,000 lb	99004	\$5,530.00
50,000 lb	99005	\$5,530.00
60,000 lb	99006	\$9,110.00
75,000 lb	99007	\$9,110.00
100,000 lb	99008	\$9,110.00
150,000 lb	99009	\$18,435.00
200,000 lb	99010	\$18,435.00
250,000 lb	99011	\$27,050.00

Load Rating (Per Module)	Part #	Price
300,000 lb	99012	\$27,050.00
400,000 lb	99013	\$27,050.00
450,000 lb	99014	\$27,050.00
Top Plates (Stainless Steel) with bolts		
1,000 lb - 15,000 lb	91207	\$125.00
20,000 lb - 50,000 lb	91210	\$285.00
60,000 lb - 100,000 lb	91211	\$465.00
150,000 lb - 200,000 lb	91213	\$740.00
250,000 lb - 450,000 lb	91215	\$1,710.00
Top Plates (Mild Steel) with bolts		
1,000 lb - 15,000 lb	124758	\$60.00
20,000 lb - 50,000 lb	125141	\$115.00
60,000 lb - 100,000 lb	124759	\$165.00
150,000 lb - 200,000 lb	124760	\$262.00
250,000 lb - 450,000 lb	124761	\$388.00
Dummy Weigh Modules (non-functioning)		
1,000 lb - 10,000 lb	158749	\$100.00
15,000 lb	158750	\$130.00
20,000 lb - 50,000 lb	158752	\$145.00
60,000 lb - 100,000 lb	158753	\$160.00
150,000 lb - 200,000 lb	158754	\$410.00
250,000 lb - 450,000 lb	158755	\$435.00

150,000lb - 450,000lb have mild steel painted base plates

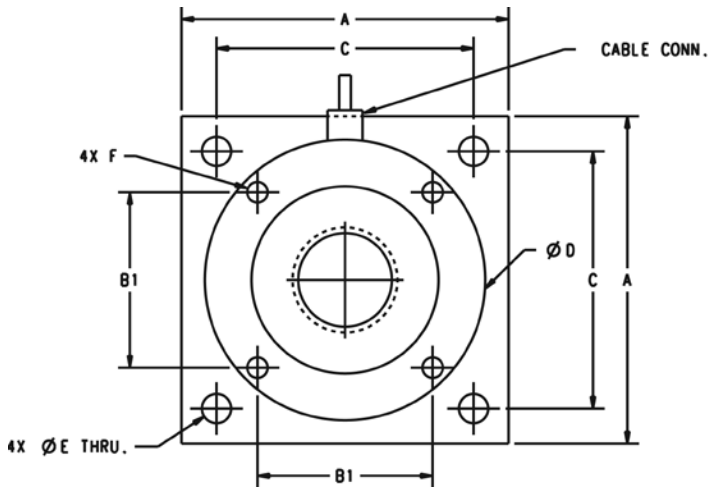
Order information

Capacity	Thickness	Material	Part #	Price
Shims				
1,000 lb - 15,000 lb	0.0625	SST	167001	\$3.00
1,000 lb - 15,000 lb	0.125	SST	167002	\$4.00
1,000 lb - 15,000 lb	0.250	SST	167003	\$11.00
1,000 lb - 15,000 lb	0.0625	MS	167004	\$2.50
1,000 lb - 15,000 lb	0.125	MS	167005	\$2.75
1,000 lb - 15,000 lb	0.250	MS	167006	\$3.25
20,000 lb - 50,000 lb	0.0625	SST	167008	\$4.75
20,000 lb - 50,000 lb	0.125	SST	167009	\$6.75
20,000 lb - 50,000 lb	0.250	SST	167010	\$14.00
20,000 lb - 50,000 lb	0.0625	MS	167011	\$3.00
20,000 lb - 50,000 lb	0.125	MS	167012	\$2.75
20,000 lb - 50,000 lb	0.250	MS	167013	\$4.00
60,000 lb - 100,000 lb	0.0625	SST	167014	\$8.50
60,000 lb - 100,000 lb	0.125	SST	167015	\$17.00
60,000 lb - 100,000 lb	0.250	SST	167016	\$31.00
150,000 lb - 200,000 lb	0.0625	SST	167020	\$10.50
150,000 lb - 200,000 lb	0.125	SST	167021	\$15.50
150,000 lb - 200,000 lb	0.250	SST	167022	\$55.00
250,000 lb - 450,000 lb	0.0625	SST	167026	\$20.00
250,000 lb - 450,000 lb	0.125	SST	167027	\$22.00
250,000 lb - 450,000 lb	0.250	SST	167028	\$70.00

Shims match dimensions of base plate and optional top plate

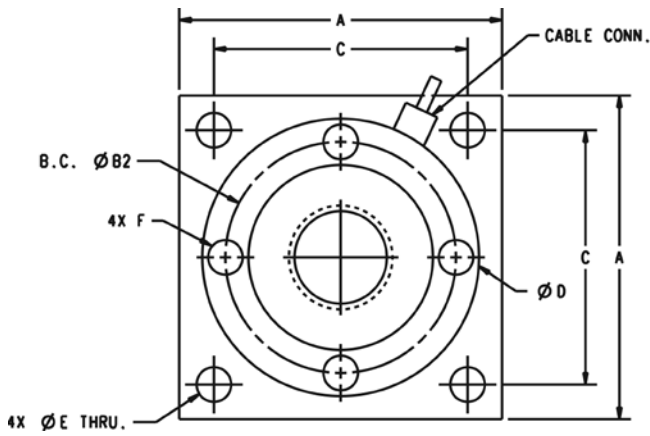
RL9000TWM Series

Stainless Steel, Tank, Hopper and Vessel Weighing Assembly



Dimensions (inches)

Rated Capacity lb/in	A	B1	C	D	E	F	G	H	I	Conduit Adapter
1,000-10,000	4.00	2.00	3.25	3.50	0.40	3/8-16 UNC	1.35	0.375	0.75	N/A
15,000	4.00	2.00	3.25	3.50	0.40	3/8-16 UNC	1.60	0.625	0.75	N/A
20,000-50,000	7.00	3.75	5.50	6.00	0.63	1/2-13 UNC	2.48	0.75	1.30	1/2-14 NPT
60,000-100,000	8.00	4.25	6.50	7.00	0.81	3/4-16 UNC	2.50	1.00	1.30	1/2-14 NPT

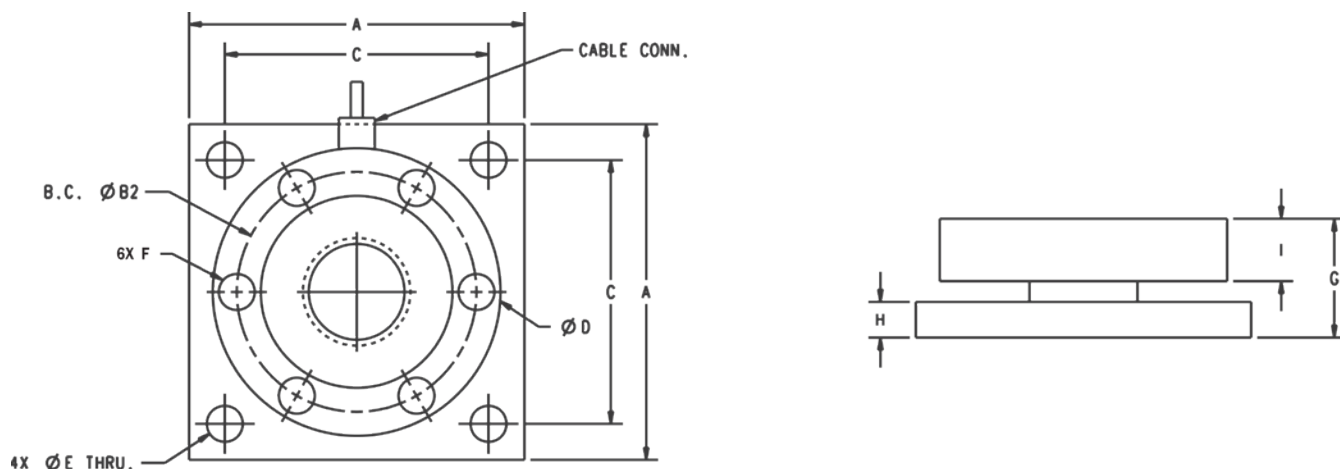


Dimensions (inches)

Rated Capacity lb/in	A	B2	C	D	E	F	G	H	I	Conduit Adapter
150,000-200,000	10.0	7.825	8.00	9.00	1.10	1-14 UNF	4.75	2.00	1.70	1/2-14 NPT

RL9000TWM Series

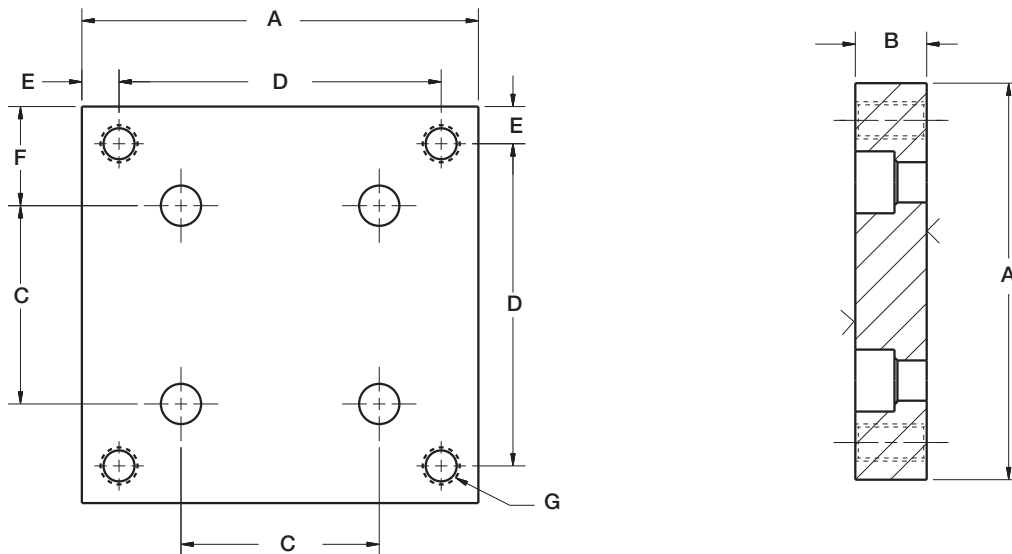
Stainless Steel, Tank, Hopper and Vessel Weighing Assembly



Dimensions

Rated Capacity	A	B2	C	D	E	F	G	H	I	Conduit Adapter
lb/in										
250,000-450,000	11.00	7.75	9.00	9.00	1.30	7/8-14 UNF	6.42	3.00	2.25	1/2-14 NPT

Optional Top Plates



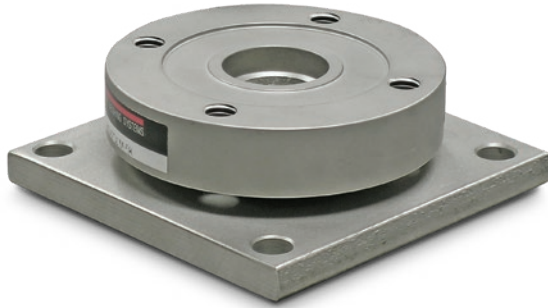
Dimensions

Rated Capacity	A	B	C	D	E	F	G
lb/in							
1,000-15,000	4.00	0.72	2.00	3.25	0.38	1.00	3/8-16 UNC
20,000-50,000	7.00	0.97	3.75	5.50	0.75	1.62	5/8-11 UNC
60,000-100,000	8.00	1.46	4.25	6.50	0.75	1.88	3/4-16 UNF
150,000-200,000	10.00	1.94	5.53	8.00	1.00	2.25	1-14 UNS
250,000-450,000	11.00	2.94	7.75 B.C.	9.00	1.00	1.00	1-1/4-12 UNF

WEIGH MODULES

RL9000TWM-HT

Tank, Hopper and Vessel Weigh Module



Picture is a representation of actual product.

The RL9000TWM-HT weigh module is part of the popular RL9000TWM Series weigh module. The RL9000TWM-HT is a high temperature version that is designed to operate in temperatures up to 400°F.

The integral 25ft of PTFE cable complements the RL9000TWM-HT weigh module.

Specifications

- Full Scale Output:**
3 (\pm 0.1%) mV/V
- Bridge Resistance:**
700 ohms
- Material/Finish:**
Stainless steel
- Safe Overload:**
150% full scale
- Non-linearity:**
0.05% full scale
- Non-repeatability:**
0.02% full scale
- Operating Temperature:**
0° F to 400° F (-17° C to 204° C)
- Insulation Resistance:**
5,000 megohm
- Seal Type:**
Welded seal, IP67
- Deflection at Capacity:**
1-15k =0.002 in
20-50 k =0.004 in
- Cable Length:**
25 ft PTFE jacket
- Cable Color Code:**
Green +Excitation
Black -Excitation
White +Signal
Red -Signal
- Warranty:**
Two-year limited

Standard Features

- Capacities: 1,000-50,000 lb
- Very low profile design
- 3 mV/V output
- Self-centering
- Self-checking assembly
- Offers 100% side load, 100% uplift and 150% safe load and 300% ultimate overload protection
- Stainless steel construction
- Welded seal
- Weighs accurately with as much as a 3° non-parallel load
- Integral 25 ft PTFE cable

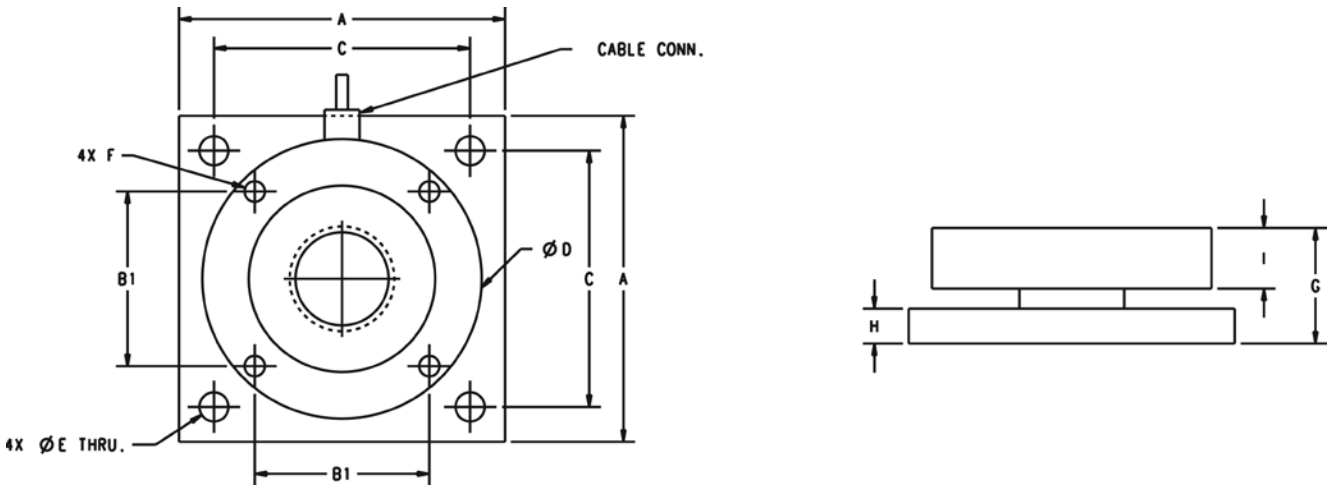
Optional Features

- Stainless steel top plates
- Higher capacities available upon request

Applications

- Tank, hopper or vessel weighing
- High temperature applications

WEIGH MODULES
RL9000TWM-HT
Tank, Hopper and Vessel Weigh Module



Dimensions

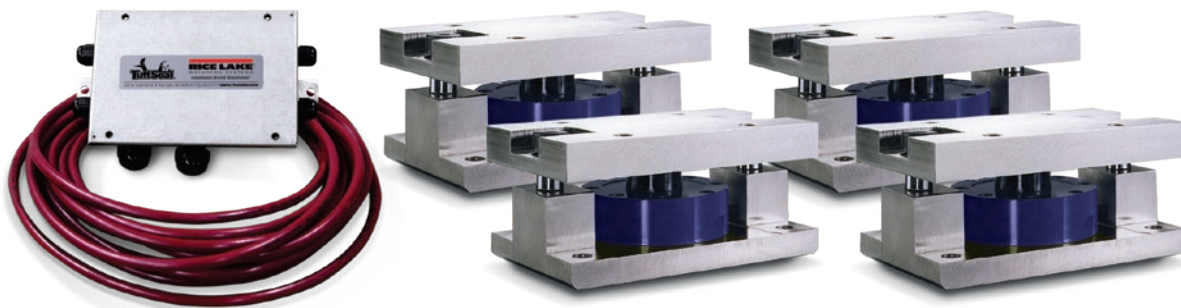
Rated Capacity lb/in	A	B1	C	D	E	F	G	H	I	Conduit Adapter
1,000-10,000	4.00	2.00	3.25	3.50	0.40	3/8-16 UNC	1.35	0.375	0.75	—
15,000	4.00	2.00	3.25	3.50	0.40	3/8-16 UNC	1.60	0.625	0.75	—
20,000-50,000	7.00	3.75	5.50	6.00	0.63	1/2-13 UNC	2.48	0.750	1.30	1/2-14NPT

Order Information

Load Rating (per module)	Part #	Price
Single Module		
1,000 lb	117050	\$1,225.00
2,500 lb	117051	\$1,225.00
5,000 lb	117052	\$1,225.00
10,000 lb	117140	\$1,225.00
15,000 lb	117053	\$1,225.00
20,000 lb	117054	\$1,945.00
25,000 lb	117055	\$1,945.00
35,000 lb	117056	\$1,945.00
50,000 lb	117057	\$1,945.00
Top Plates (Stainless Steel) with bolts		
1,000 lb-15,000 lb	91207	\$125.00
20,000 lb-50,000 lb	91210	\$285.00
Top Plates (Mild Steel) with bolts		
1,000-15,000 lb	124758	\$60.00
20,000-50,000 lb	125141	\$115.00

RL2200 Series

Tank, Hopper and Vessel Weighing Assembly



Picture is a representation of actual product

The RL2200 Series mounts are ideal for use in tank, hopper, vessel and many other applications. The low-profile design allows for economical solutions in a competitive marketplace. This rugged, high-precision mount is designed for easy installation and does not require check rods or other stabilizing hardware. The RL2200 mount has the added feature of self centering, allowing for side loads without sacrificing performance.

Specifications

Full Scale Output:

4.0 mV/V
2.0 mV/V (2,500 lb)

Bridge Resistance:

350 ohms nominal

Material/Finish:

High-alloy steel, painted

Safe Overload:

150% full scale

Rated Excitation:

5-10 VDC (20 V maximum)

Nonlinearity:

0.05% full scale

Hysteresis:

0.03% full scale

Temperature:

Compensated range
15°F to 115°F (-9°C to 46°C)

Insulation Resistance:

5,000 megohm

Seal Type:

Environmentally sealed

Cable Length:

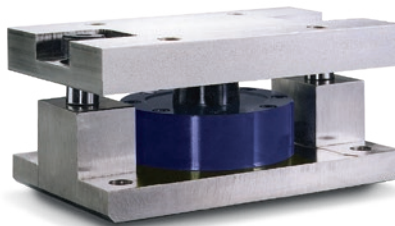
30 ft

Cable Color Code:

Red +Excitation
Black -Excitation
White +Signal
Green -Signal

Warranty:

Two-year limited warranty



Assembly with integral RL2200 compression disk load cell.

Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four RL2200 high-alloy, zinc-plated steel mounting assemblies
- Three or four RL2200 compression disk load cells
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

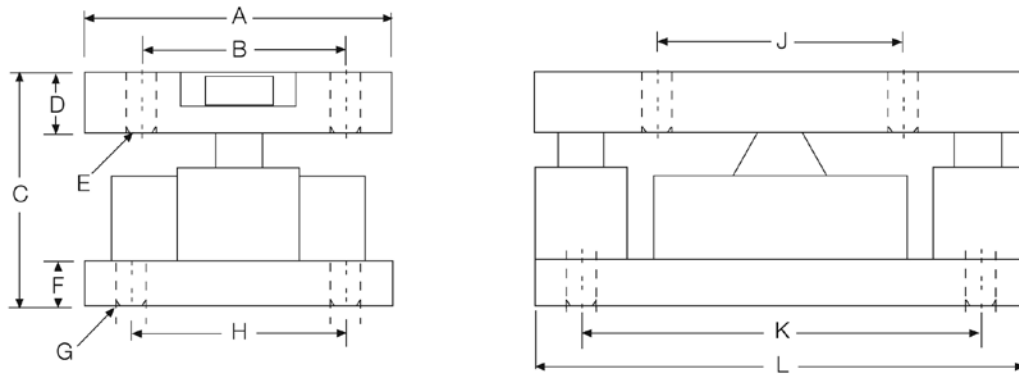
Standard Features

- Capacities: 2,500-50,000 lb
- Low-profile design
- High 4 mV/V output (2 mV/V, 2,500 lb)
- Self-centering in all directions, able to withstand excessive side loads
- Self-checking assembly

Applications

- Tank, hopper or vessel weighing
- Belt or roller conveyors
- Scale platforms and screw feeders

WEIGH MODULES
RL2200 Series
Tank, Hopper and Vessel Weighing Assembly



Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	J	K	L
lb/in											
2,500-10,000	5.00	3.50	4.00	1.00	0.52	1.0	0.52	3.50	4.00	6.50	8.00
25,000-50,000	6.00	4.50	5.00	1.25	0.78	1.0	0.78	4.50	5.00	7.75	10.0

Order Information

Load Rating (Per Module)	Part #	Price
Single Module		
2,500 lb	76656	\$1,870.00
5,000 lb	45849	\$1,870.00
10,000 lb	45848	\$1,870.00
25,000 lb	45847	\$2,517.00
50,000 lb	45846	\$2,517.00
3-Module Kit		
2,500 lb	76897	\$5,595.00
5,000 lb	42811	\$5,595.00
10,000 lb	42812	\$5,595.00
25,000 lb	42813	\$7,219.00
50,000 lb	42814	\$7,219.00
4-Module Kit		
2,500 lb	76898	\$7,398.00
5,000 lb	42815	\$7,398.00
10,000 lb	42816	\$7,398.00
25,000 lb	42817	\$8,565.00
50,000 lb	42818	\$8,565.00

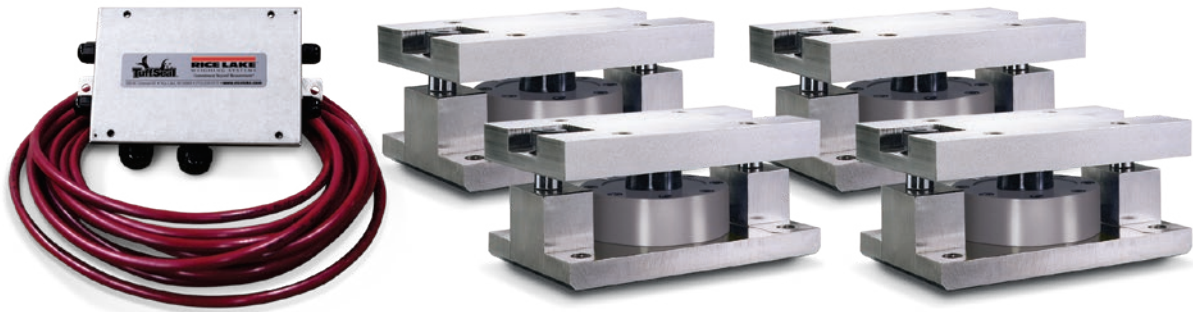
Replacement Load Cell Order Information

Load Rating (Per Module)	Part #	Price
2,500 lb	76654	\$1,325.00
5,000 lb	45708	\$1,325.00
10,000 lb	45709	\$1,325.00
25,000 lb	45710	\$1,669.00
50,000 lb	45711	\$1,669.00

WEIGH MODULES

RL2200SS Series

Stainless Steel, Tank, Hopper and Vessel Weighing Assembly



Picture is a representation of actual product.

The RL2200SS Series mounts are ideal for use in tank, hopper, vessel and many other applications. The low-profile design allows for economical solutions in a competitive marketplace. This rugged, high-precision mount is designed for easy installation and does not require check rods or other stabilizing hardware. The RL2200SS mount has the added feature of self centering, allowing for side loads without sacrificing performance.

Specifications

Full Scale Output:

4.0 mV/V
2.0 mV/V (2,500 lb)

Bridge Resistance:

350 ohms nominal

Material/Finish:

Stainless steel

Safe Overload:

150% full scale

Rated Excitation:

5-10 VDC (20 V maximum)

Nonlinearity:

0.05% full scale

Hysteresis:

0.03% full scale

Temperature:

Compensated range:
15°F to 115°F (9°C to 46°C)

Insulation Resistance:

5,000 megohm

Seal Type:

Hermetically sealed, IP66/68

Cable Length:

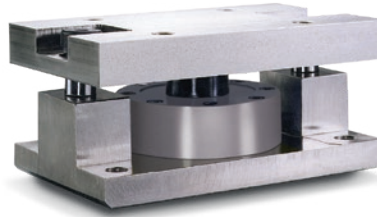
30 ft

Cable Color Code:

Red +Excitation
Black -Excitation
White +Signal
Green -Signal

Warranty:

Two-year limited warranty



Assembly with integral RL2200SS compression disk load cell.

Complete Kit Includes

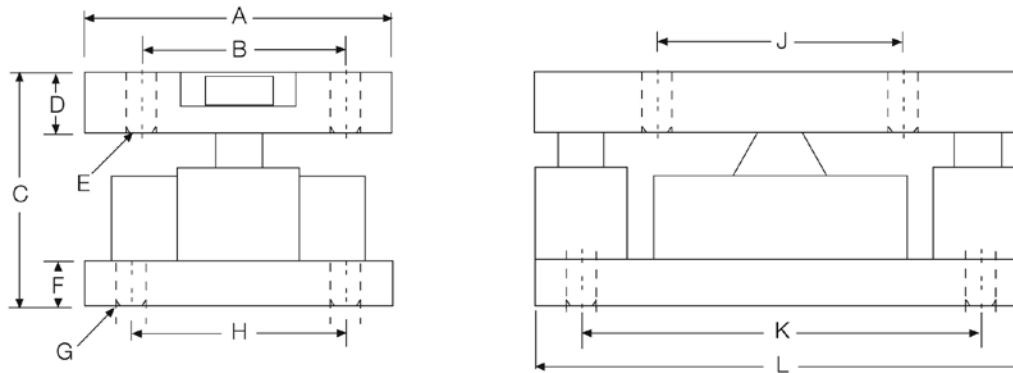
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four RL2200 stainless steel mounting assemblies
- Three or four RL2200SS stainless steel, hermetically sealed, compression disk load cells
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Applications

- Tank, hopper or vessel weighing
- Belt or roller conveyors
- Scale platforms and screw feeders

RL2200SS Series

Stainless Steel, Tank, Hopper and Vessel Weighing Assembly



Dimensions

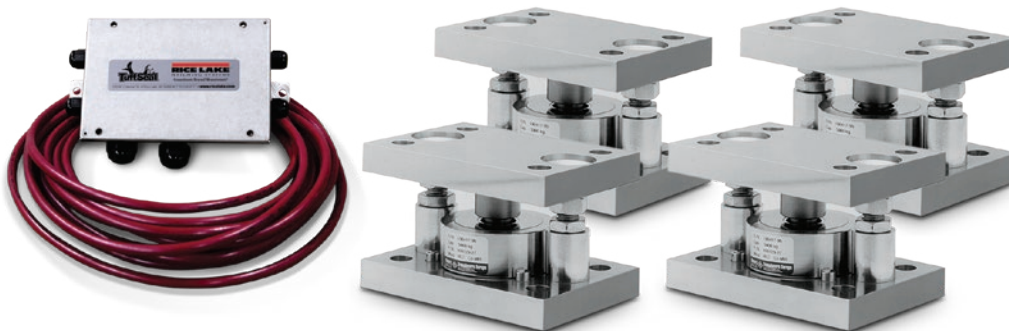
Rated Capacity lb/in	A	B	C	D	E	F	G	H	J	K	L
2,500-10,000	5.00	3.50	4.00	1.00	0.52	1.00	0.52	3.50	4.00	6.50	8.00
25,000-50,000	6.00	4.50	5.00	1.25	0.78	1.00	0.78	4.50	5.00	7.75	10.00

Order Information

Load Rating (Per Module)	Part #	Price
Single Module		
2,500 lb	76657	\$2,708.00
5,000 lb	45845	\$2,708.00
10,000 lb	45844	\$2,708.00
25,000 lb	45843	\$4,580.00
50,000 lb	45842	\$4,580.00
3-Module Kit		
2,500 lb	76899	\$7,695.00
5,000 lb	46478	\$7,695.00
10,000 lb	46479	\$7,695.00
25,000 lb	46480	\$13,409.00
50,000 lb	46481	\$13,409.00
4-Module Kit		
2,500 lb	76900	\$10,176.00
5,000 lb	46482	\$10,176.00
10,000 lb	46483	\$10,176.00
25,000 lb	46484	\$17,490.00
50,000 lb	46485	\$17,490.00

Replacement Load Cell Order Information

Load Rating (Per Module)	Part #	Price
2,500 lb	76655	\$1,563.00
5,000 lb	45712	\$1,563.00
10,000 lb	45713	\$1,563.00
25,000 lb	45714	\$2,565.00
50,000 lb	45715	\$2,565.00



Picture is a representation of actual product.

The RLC self-aligning silo mount, together with the RLC load cell family, are an ideal solution for process control, batch weighing, silo/hopper and belt scale applications. The RLC mount incorporates a removable rocker pin design that uses hardened stainless steel components on all load-bearing surfaces. The fully stainless steel construction guarantees long-term reliability.



Module with hermetically sealed RLC compression canister load cell.

Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four RLC stainless steel compression mounts
- Three or four RLC stainless steel hermetically sealed compression disk load cells
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

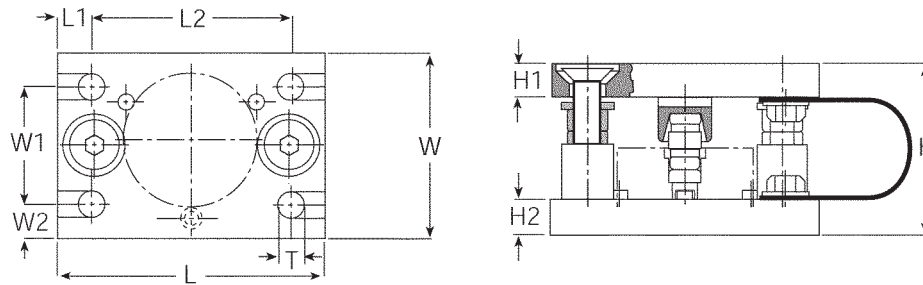
- Capacities (per module): 0.5-5 t
- Matched output load cells eliminate trimming
- 304 stainless steel construction
- Rocker pin design allows movement in all directions
- Hermetically sealed, IP66/68 stainless steel load cells
- Easy load cell replacement
- Integral jacking/shipping bolts

Applications

- Medium-capacity tanks, bins and hoppers
- Washdown applications
- Process control and batch weighing

Load Cell Certifications





Dimensions

Rated Capacity	H	H1	H2	L	L1	L2	T	W	W1	W2
ton/mm										
0.5-1	80.0	20.0	15.0	150.0	15.0	120.0	14 (top plate)	100.0	70.0	15.0
2-5	100.0	20.0	20.0	160.0	20.0	120.0	13.8 (bottom plate)	110.0	70.0	20.0

Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Includes Load Cell)		
0.5t	36401	\$1,198.00
1t	36402	\$1,198.00
2t	36403	\$1,383.00
3.5t	36404	\$1,383.00
5t	36405	\$1,383.00
3-Module Kit		
0.5t	36406	\$3,885.00
1t	36407	\$3,885.00
2t	36408	\$4,065.00
3.5t	36409	\$4,065.00
5t	36410	\$4,065.00
4-Module Kit		
0.5t	36411	\$5,083.00
1t	36412	\$5,083.00
2t	36413	\$5,422.00
3.5t	36414	\$5,422.00
5t	36415	\$5,422.00

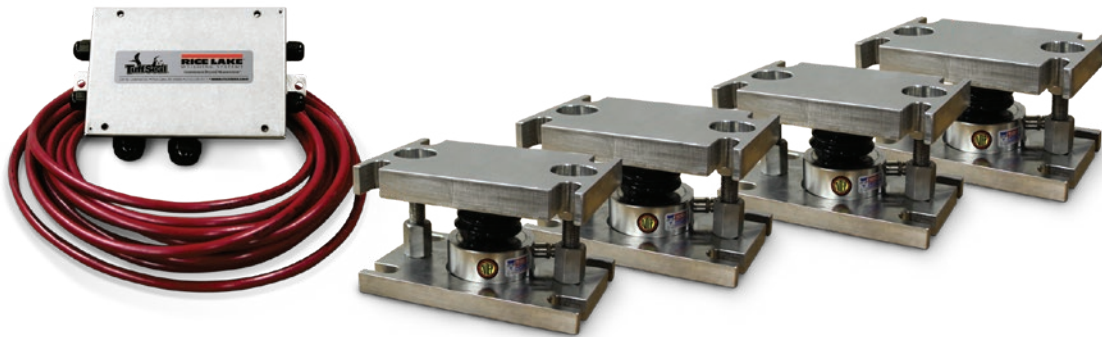
Replacement Rocker Pin Set*

Load Rating (Per Module)	Part #	Price
250 kg - 1t	170875	\$132.00
2t - 5t	170876	\$132.00
10t	170877	\$132.00

*Kit includes upper cup, rocker pin and grease

220 Universal Mount

Stainless Steel Weigh Modules, VPG Tedeo-Huntleigh



Picture is a representation of actual product

The 220 Universal Mount is designed to be used with the VPG® Tedeo-Huntleigh Model 220 load cell. The mount incorporates built-in jacking bolts to prevent damage to the load cell during installation. Its stainless steel construction is designed to be used in the harshest of environments.

Specifications

Full Scale Output:
2.0 mV/V

Bridge Resistance:
1,000 ohms, nominal

Material/Finish:
Stainless steel

Operating Temperature Range:
14°F to 104°F (-10°C to 40°C)

Seal Type:
Hermetically sealed, IP68

Safe Overload:
150% at center loading point, full scale

Rated Excitation:
5-10 VDC (15 V maximum)

Combined Error:
0.020% full scale

Insulation Resistance:
2,000 megaohm

Cable Length:
5,000 kg=5 m
10,000-20,000 kg=10 m
30,000 kg=20 m

Cable Color Code:
Blue +Excitation
Black -Excitation
White +Signal
Red -Signal
Green +Sense
Grey -Sense

Warranty:
One-year limited warranty



Module with hermetically sealed 220 compression load cell.

Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four 220 stainless steel compression mounts
- Three or four 220 stainless steel hermetically sealed compression disk load cells
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 5,000-30,000 kg
- Matched output load cells eliminate trimming
- 304 stainless steel construction
- Hermetically sealed, IP68 stainless steel load cells
- Easy load cell replacement
- Integral jacking/shipping bolts

Applications

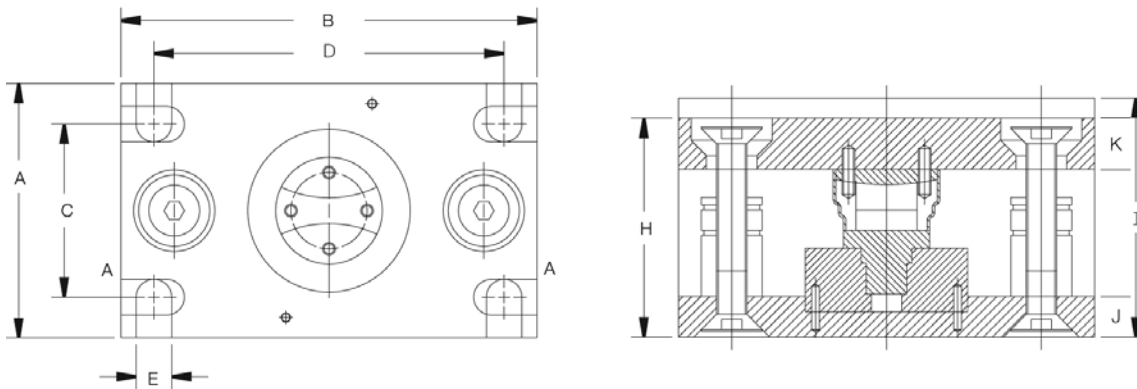
- Medium- to high-capacity tanks, bins and hoppers
- Washdown applications
- Process control and batch weighing

Load Cell Certifications



220 Universal Mount

Stainless Steel Weigh Modules, VPG Tedeo-Huntleigh



Dimensions

Rated Capacity	A	B	C	D	E	H	I	J	K
kg/mm									
5,000-10,000	127.0	203.0	90.0	170.0	18.0	107.0	118.0	19.1	25.4
20,000-30,000	152.0	245.0	115.0	208.0	24.0	148.0	156.0	31.8	25.4

Order Information

Load Rating (Per Module)	Part #	Price
3-Module Kit (Includes Load Cell)		
5,000 kg	66208	\$6,355.00
10,000 kg	66209	\$6,355.00
20,000 kg	66210	\$7,200.00
30,000 kg	66211	\$7,200.00
4-Module Kit (Includes Load Cell)		
5,000 kg	66212	\$8,369.00
10,000 kg	66213	\$8,369.00
20,000 kg	66214	\$9,672.00
30,000 kg	66215	\$9,672.00

Replacement Mount Parts

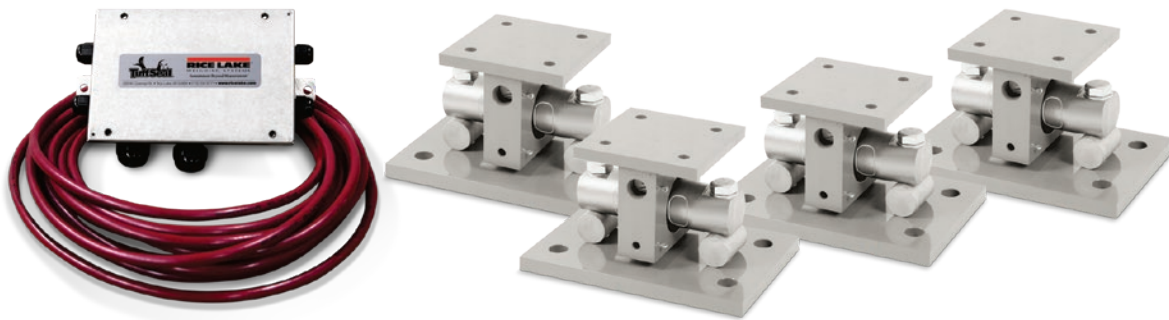
Load Rating (Per Module)	Part #	Price
Saddle 5 t-10 t	170879	\$132.00
Rolling cylinder 5 t-10 t	170882	\$111.00
Load adaptor 5 t	170880	\$117.00
Load adaptor 10 t	170881	\$165.00
Rubber boot 5 t-10 t	171211	\$37.00
Saddle 20 t-30 t	170884	\$127.00
Rolling cylinder 20 t-30 t	170885	\$58.00
Load adaptor 20 t-30 t	170883	\$111.00
Rubber boot 20 t-30 t	171212	\$32.00

NEW

WEIGH MODULES

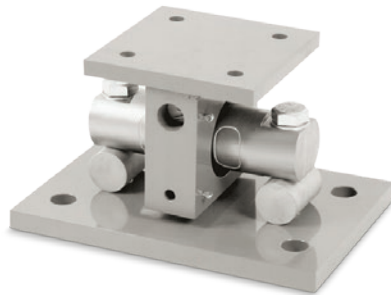
EZ Mount 1 with RL72020

Mild Steel Weigh Modules, Rice Lake Weighing Systems



Picture is a representation of actual product.

The EZ Mount 1 Series weigh modules utilize the double-ended beam design with an articulating top plate to provide superior accuracy in any loading condition. The double-ended beam design means there is less cumbersome hardware and each module has a lower profile than modules of different configurations. NTEP Certified and FM approved RL72020 Series load cells give you accuracy and dependability in many applications, including intrinsically safe and explosion proof areas.



Module with RL72020 double-ended shear beam load cell.

Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four EZ Mount 1 mild steel compression mounts
- Three or four RL72020 double-ended shear beam load cells
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 5,000-250,000 lb
- NTEP Certified load cells
- Unique sliding pin design compensates for thermal expansion/contraction
- Self-checking
- Easy load cell replacement
- Simplified design allows bolting directly to tank and floor
- Center-loaded double-ended shear beam design
- Low-profile design
- Painted mild steel construction

Optional Features

- Kits available with VPG® Revere 5103 load cell, capacities in 5,000-150,000 lb

Applications

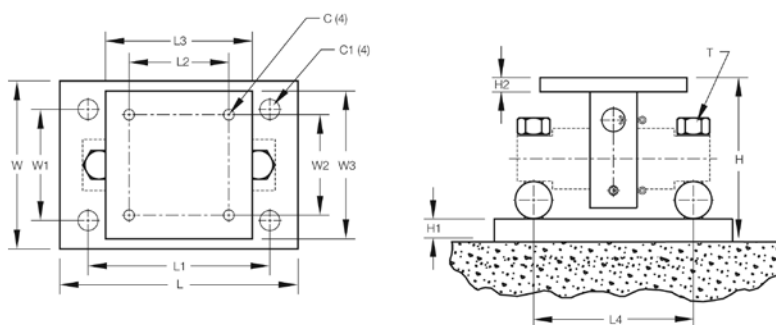
- Medium- to heavy-capacity tank and hopper weighing applications

Load Cell Certifications



EZ Mount 1 with RL72020

Mild Steel Weigh Modules, Rice Lake Weighing Systems



Dimensions

Rated Capacity	C	C1	H	H1	H2	L	L1	L2	L3	L4	T	W	W1	W2	W3
lb/in															
5,000-20,000	0.56	1.06	5.31	0.75	0.50	11.00	8.00	3.00	6.00	6.87	5/8-18 UNF	7.50	4.00	3.00	6.00
30,000-60,000	0.68	1.19	8.43	1.00	0.75	15.00	11.50	5.12	8.00	8.50	1-14 UNS	10.00	6.00	5.12	8.00
100,000	0.81	1.38	10.37	1.25	1.25	18.00	14.00	7.50	10.00	9.50	1-14 UNS	12.00	9.00	7.50	10.00
150,000	0.81	1.38	10.37	1.25	1.25	18.00	14.00	7.50	10.00	9.50	1-14 UNS	12.00	9.00	7.50	10.00
200,000-250,000	1.06	1.88	16.75	2.00	2.00	26.00	20.00	9.00	12.00	13.00	1 1/2-12 UNS	12.00	6.00	9.00	12.00

Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Does NOT Include Load Cell)		
5,000 lb - 20,000 lb	17823	\$345.00
30,000 lb - 60,000 lb	17824	\$927.00
100,000 lb	17850	\$1,277.00
150,000 lb	29012	\$1,277.00
200,000 lb - 250,000 lb	26068	\$2,915.00
3-Module Kit		
5,000 lb	208881	\$3,265.00
10,000 lb	208882	\$3,265.00
20,000 lb	208883	\$3,265.00
30,000 lb	208884	\$5,210.00
40,000 lb	208885	\$5,210.00
50,000 lb	208886	\$5,210.00
60,000 lb	208887	\$5,210.00
100,000 lb	208888	\$8,432.00
150,000 lb	208889	\$8,432.00
4-Module Kit		
5,000 lb	208892	\$4,240.00
10,000 lb	208893	\$4,240.00
20,000 lb	208894	\$4,240.00
30,000 lb	208895	\$6,577.00
40,000 lb	208896	\$6,577.00
50,000 lb	208897	\$6,577.00
60,000 lb	208898	\$6,577.00
100,000 lb	208899	\$10,955.00
150,000 lb	208900	\$10,955.00

VPG Revere 5103 Order Information

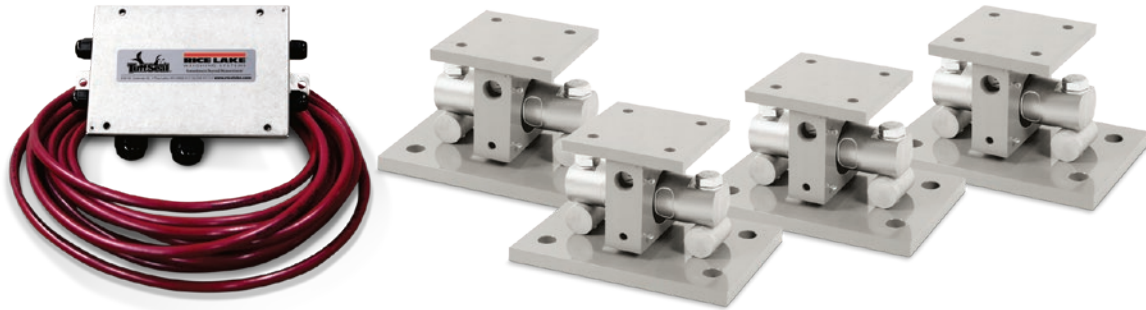
Load Rating (Per Module)	Part #	Price
3-Module Kit		
5,000 lb	18175	\$3,375.00
10,000 lb	18176	\$3,375.00
20,000 lb	18177	\$3,375.00
30,000 lb	32169	\$5,321.00
40,000 lb	32171	\$5,321.00
50,000 lb	18178	\$5,485.00
60,000 lb	18179	\$5,485.00
100,000 lb	18180	\$8,544.00
150,000 lb	18181	\$8,544.00
4-Module Kit		
5,000 lb	18182	\$4,351.00
10,000 lb	18183	\$4,351.00
20,000 lb	18184	\$4,351.00
30,000 lb	32170	\$6,731.00
40,000 lb	32172	\$6,731.00
50,000 lb	18185	\$6,911.00
60,000 lb	18186	\$6,911.00
100,000 lb	18187	\$11,130.00
150,000 lb	18188	\$11,130.00
Dummy Load Cells		
5,000 lb - 20,000 lb	33749	\$90.00
30,000 lb - 60,000 lb	74016	\$122.00
100,000 lb	94175	\$265.00
150,000 lb	158715	\$265.00
Grounding Kit		
5,000 lb-60,000 lb	126419	\$21.00

NEW

WEIGH MODULES

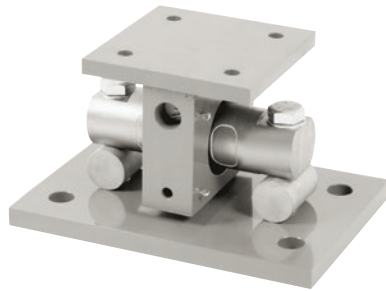
EZ Mount 1 SS with RL72020SS

Stainless Steel Weigh Modules, Rice Lake Weighing Systems



Picture is a representation of actual product.

The EZ Mount 1 Series weigh module utilizes the double-ended beam design with an articulating top plate to provide superior accuracy in any loading condition. The double-ended beam design means there is less cumbersome hardware and each module has a lower profile than modules of different configurations. NTEP certified and FM approved RL72020SS Series load cells give you accuracy and dependability in many applications, including intrinsically safe and explosion proof areas.



Module with RL72020SS double-ended shear beam load cell.

Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four EZ Mount 1 stainless steel compression mounts
- Three or four RL72020SS stainless steel double-ended shear beam load cells
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 5000-150,000 lb
- Unique sliding pin design compensates for thermal expansion/contraction
- NTEP Certified load cells (10 k - 100 k)
- Self-checking
- Easy load cell replacement
- Simplified design allows bolting directly to tank and floor
- Center-loaded double-ended shear beam design
- Low-profile design
- 304 stainless steel construction

Optional Features

- Kits available with VPG® Revere 9103 load cell, capacities in 5,000 lb-150,000 lb

Applications

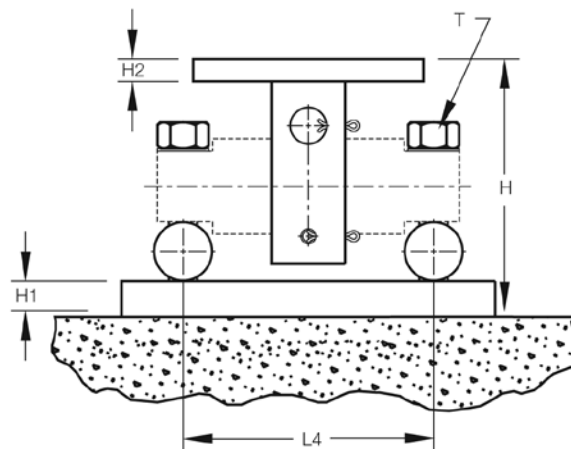
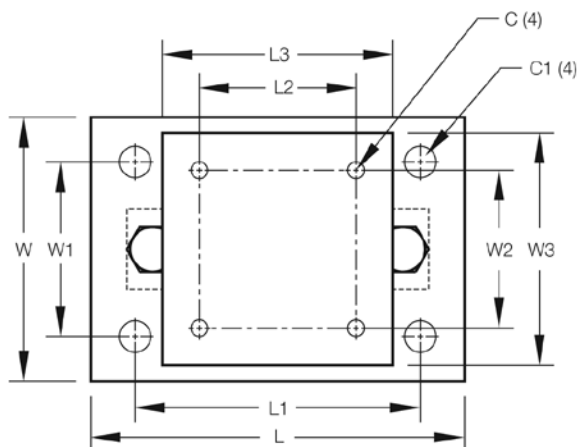
- Medium to heavy-capacity tank and hopper weighing applications

Load Cell Certifications



EZ Mount 1 SS with RL72020SS

Stainless Steel Weigh Modules, Rice Lake Weighing Systems



Dimensions

Rated Capacity lb/in	C	C1	H	H1	H2	L	L1	L2	L3	L4	T	W	W1	W2	W3
5,000-20,000	0.56	1.06	5.31	0.75	0.50	11.00	8.00	3.00	6.00	6.87	5/8-18 UNF	7.50	4.00	3.00	6.00
30,000-60,000	0.68	1.19	8.43	1.00	0.75	15.00	11.50	5.12	8.00	8.50	1-14 UNS	10.00	6.00	5.12	8.00
100,000	0.81	1.38	10.37	1.25	1.25	18.00	14.00	7.50	10.00	9.50	1-14 UNS	12.00	9.00	7.50	10.00
150,000	0.81	1.38	10.37	1.25	1.25	18.00	14.00	7.50	10.00	9.50	1-14 UNS	12.00	9.00	7.50	10.00

Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Does NOT Include Load Cell)		
5,000 lb-20,000 lb	17943	\$845.00
30,000 lb-60,000 lb	17944	\$2,330.00
100,000 lb	17945	\$4,278.00
150,000 lb	29011	\$4,278.00
3-Module Kit		
5,000 lb*	208914	\$5,173.00
10,000 lb	208917	\$5,173.00
20,000 lb	208918	\$5,173.00
30,000 lb	208919	\$10,282.00
40,000 lb	208920	\$10,282.00
50,000 lb	208921	\$10,282.00
60,000 lb	208922	\$10,282.00
100,000 lb	208923	\$18,968.00
150,000 lb*	208924	\$18,968.00

* Non-NTEP Certified

Load Rating (Per Module)	Part #	Price
4-Module Kit		
5,000 lb*	208925	\$6,705.00
10,000 lb	208926	\$6,705.00
20,000 lb	208927	\$6,705.00
30,000 lb	208928	\$13,530.00
40,000 lb	208929	\$13,530.00
50,000 lb	208930	\$13,530.00
60,000 lb	208931	\$13,530.00
100,000 lb	208932	\$25,222.00
150,000 lb*	208933	\$25,222.00
Dummy Load Cells (Mild Steel)		
5,000 lb-20,000 lb	33749	\$90.00
30,000 lb-60,000 lb	74016	\$122.00
100,000 lb	94175	\$265.00
150,000 lb	158715	\$265.00
Grounding Kit		
5,000 lb-60,000 lb	126419	\$21.00

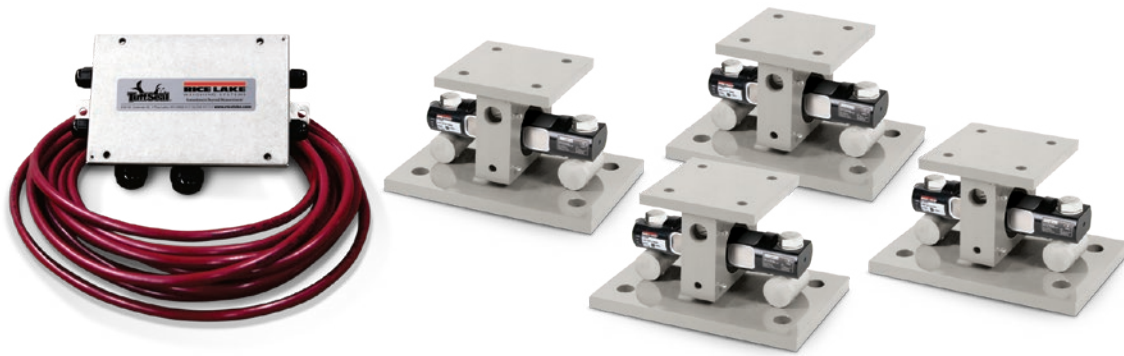
Includes ground strap and mounting hardware per mount

NEW

WEIGH MODULES

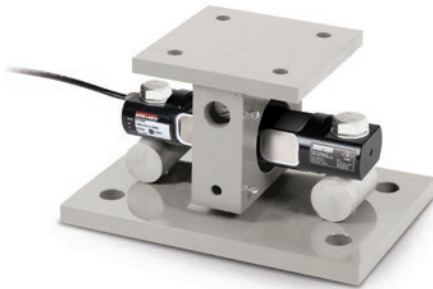
EZ Mount 1 with Painted RL72020P

Rice Lake Weighing Systems



Picture is a representation of actual product.

The EZ Mount 1 Series weigh module utilizes the double-ended beam design with an articulating top plate to provide superior accuracy in any loading condition. The double-ended beam design means there is less cumbersome hardware and each module has a lower profile than modules of different configurations. NTEP certified and FM approved RL72020P painted load cells give you accuracy and dependability in fertilizer applications, including intrinsically safe and explosion proof areas.



Module with RL72020P painted double-ended shear beam load cell.

Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four EZ Mount 1 stainless steel compression mounts
- Three or four RL72020P alloy painted double-ended shear beam load cells
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 5,000-150,000 lb
- Unique sliding pin design compensates for thermal expansion/contraction
- NTEP Certified load cells (5-150 k)
- Self-checking
- Easy load cell replacement
- Simplified design allows bolting directly to tank and floor
- Center-loaded double-ended shear beam design
- Low-profile design
- 304 stainless steel construction (mount)

Applications

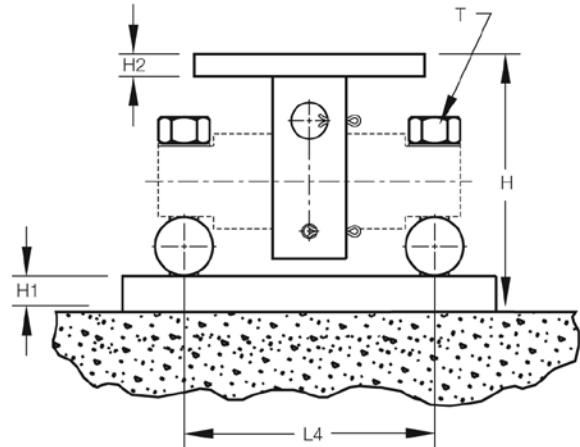
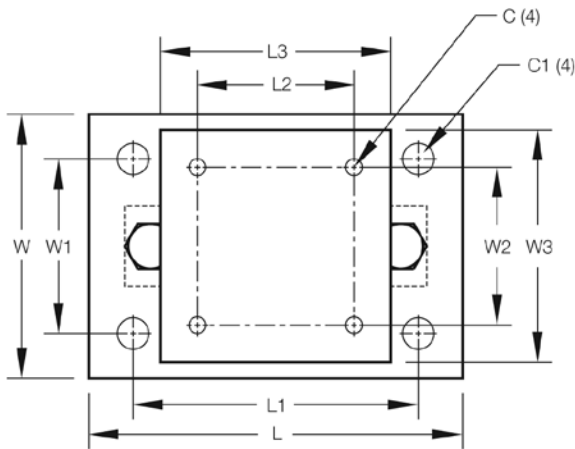
- Medium- to heavy-capacity tank and fertilizer hopper weighing applications

Load Cell Certifications



EZ Mount 1 with Painted RL72020P

Rice Lake Weighing Systems



Dimensions

Rated Capacity	C	C1	H	H1	H2	L	L1	L2	L3	L4	T	W	W1	W2	W3
lb/in															
5,000-20,000	0.56	1.06	5.31	0.75	0.50	11.00	8.00	3.00	6.00	6.87	5/8-18 UNF	7.50	4.00	3.00	6.00
30,000-60,000	0.68	1.19	8.43	1.00	0.75	15.00	11.50	5.12	8.00	8.50	1-14 UNS	10.00	6.00	5.12	8.00
100,000	0.81	1.38	10.37	1.25	1.25	18.00	14.00	7.50	10.00	9.50	1-14 UNS	12.00	9.00	7.50	10.00
150,000	0.81	1.38	10.37	1.25	1.25	18.00	14.00	7.50	10.00	9.50	1-14 UNS	12.00	9.00	7.50	10.00

Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Does NOT Include Load Cell)		
5,000 lb-20,000 lb	17943	\$845.00
30,000 lb-60,000 lb	17944	\$2,330.00
100,000 lb	17945	\$4,278.00
150,000 lb	29011	\$4,278.00
3-Module Kit		
5,000 lb*	208957	\$4,658.00
10,000 lb	208959	\$4,658.00
20,000 lb	208961	\$4,658.00
30,000 lb	208963	\$9,535.00
40,000 lb	208965	\$9,535.00
50,000 lb	208967	\$9,535.00
60,000 lb	208969	\$9,535.00
100,000 lb	208971	\$17,910.00
150,000 lb*	208973	\$17,910.00

* Non-NTEP Certified

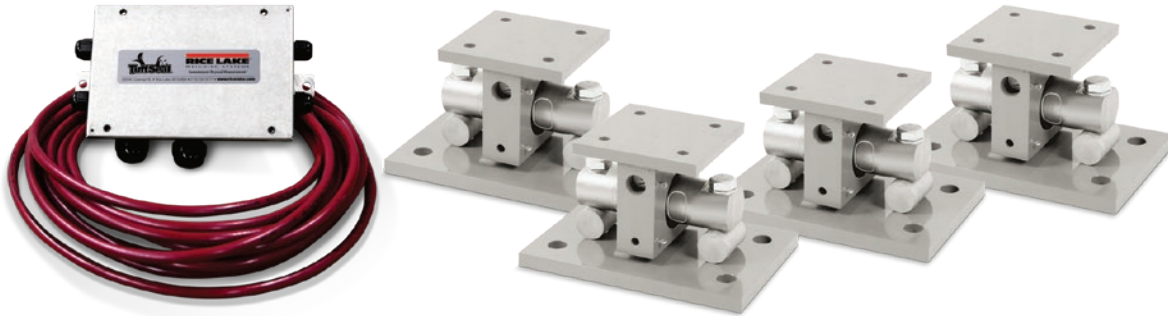
Load Rating (Per Module)	Part #	Price
4-Module Kit		
5,000 lb*	208958	\$6,228.00
10,000 lb	208960	\$6,228.00
20,000 lb	208962	\$6,228.00
30,000 lb	208964	\$12,715.00
40,000 lb	208966	\$12,715.00
50,000 lb	208968	\$12,715.00
60,000 lb	208970	\$12,715.00
100,000 lb	208972	\$23,845.00
150,000 lb*	208974	\$23,845.00
Dummy Load Cells (Mild Steel)		
5,000 lb-20,000 lb	33749	\$90.00
30,000 lb-60,000 lb	74016	\$122.00
100,000 lb	94175	\$265.00
150,000 lb	158715	\$265.00
Grounding Kit		
5,000 lb-60,000 lb	126419	\$21.00

Includes ground strap and mounting hardware per mount

WEIGH MODULES

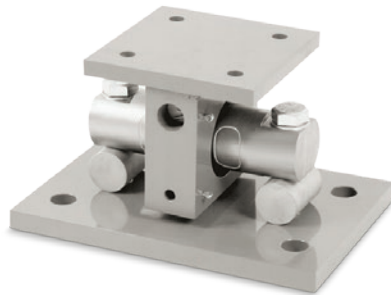
EZ Mount 1 with RL70000

Mild Steel Weigh Modules, Rice Lake Weighing Systems



Picture is a representation of actual product.

The EZ Mount 1 Series weigh modules utilize the double-ended beam design with an articulating top plate to provide superior accuracy in any loading condition. The double-ended beam design means there is less cumbersome hardware and each module has a lower profile than modules of different configurations. NTEP Certified and FM approved RL70000 Series load cells give you accuracy and dependability in many applications, including intrinsically safe and explosion proof areas.



Module with RL70000 double-ended shear beam load cell.

Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four EZ Mount 1 mild steel compression mounts
- Three or four RL70000 double-ended shear beam load cells
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 5,000-250,000 lb
- NTEP Certified load cells
- Unique sliding pin design compensates for thermal expansion/contraction
- Self-checking
- Easy load cell replacement
- Simplified design allows bolting directly to tank and floor
- Center-loaded double-ended shear beam design
- Low-profile design
- Painted mild steel construction

Optional Features

- Kits available with VPG® Reverse 5103 load cell, capacities in 5,000-150,000 lb

Applications

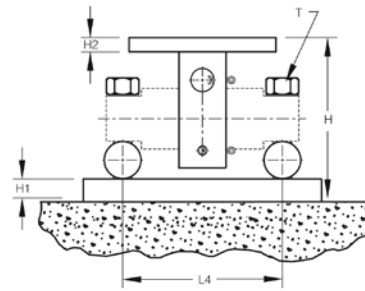
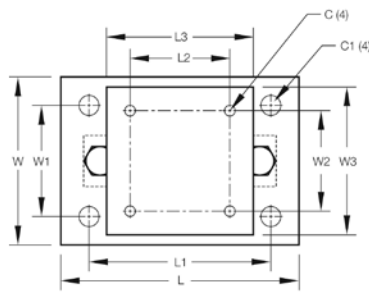
- Medium- to heavy-capacity tank and hopper weighing applications

Load Cell Certifications



EZ Mount 1 with RL70000

Mild Steel Weigh Modules, Rice Lake Weighing Systems



Dimensions

Rated Capacity	C	C1	H	H1	H2	L	L1	L2	L3	L4	T	W	W1	W2	W3
lb/in															
5,000-20,000	0.56	1.06	5.31	0.75	0.50	11.00	8.00	3.00	6.00	6.87	5/8-18 UNF	7.50	4.00	3.00	6.00
30,000-60,000	0.68	1.19	8.43	1.00	0.75	15.00	11.50	5.12	8.00	8.50	1-14 UNS	10.00	6.00	5.12	8.00
100,000	0.81	1.38	10.37	1.25	1.25	18.00	14.00	7.50	10.00	9.50	1-14 UNS	12.00	9.00	7.50	10.00
150,000	0.81	1.38	10.37	1.25	1.25	18.00	14.00	7.50	10.00	9.50	1-14 UNS	12.00	9.00	7.50	10.00
200,000-250,000	1.06	1.88	16.75	2.00	2.00	26.00	20.00	9.00	12.00	13.00	1 1/2-12 UNS	12.00	6.00	9.00	12.00

Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Does NOT Include Load Cell)		
5,000 lb-20,000 lb	17823	\$345.00
30,000 lb-60,000 lb	17824	\$927.00
100,000 lb	17850	\$1,277.00
150,000 lb	29012	\$1,277.00
200,000 lb-250,000 lb	26068	\$2,915.00
3-Module Kit		
5,000 lb	18163	\$3,265.00
10,000 lb	18164	\$3,265.00
20,000 lb	18165	\$3,265.00
30,000 lb	32164	\$5,210.00
40,000 lb	32167	\$5,210.00
50,000 lb	18166	\$5,210.00
60,000 lb	18167	\$5,210.00
100,000 lb	18168	\$8,432.00
150,000 lb	43290	\$8,432.00
4-Module Kit		
5,000 lb	18169	\$4,240.00
10,000 lb	18170	\$4,240.00
20,000 lb	18171	\$4,240.00
30,000 lb	32165	\$6,577.00
40,000 lb	32166	\$6,577.00
50,000 lb	18172	\$6,577.00
60,000 lb	18173	\$6,577.00
100,000 lb	18174	\$10,955.00
150,000 lb	43291	\$10,955.00

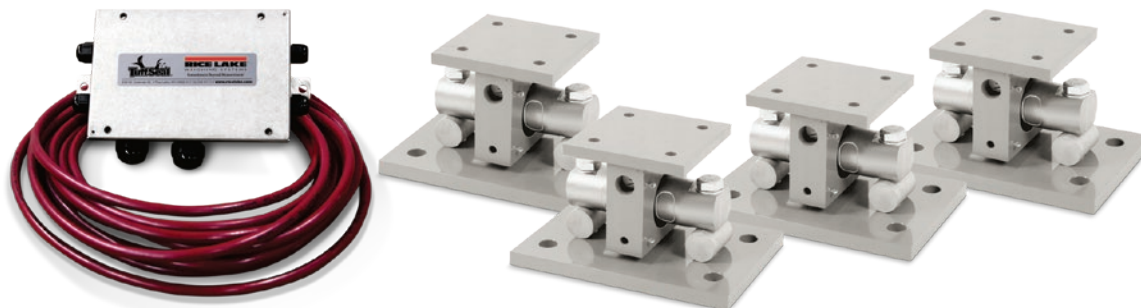
VPG Revere 5103 Order Information

Load Rating (Per Module)	Part #	Price
3-Module Kit		
5,000 lb	18175	\$3,375.00
10,000 lb	18176	\$3,375.00
20,000 lb	18177	\$3,375.00
30,000 lb	32169	\$5,321.00
40,000 lb	32171	\$5,321.00
50,000 lb	18178	\$5,485.00
60,000 lb	18179	\$5,485.00
100,000 lb	18180	\$8,544.00
150,000 lb	18181	\$8,544.00
4-Module Kit		
5,000 lb	18182	\$4,351.00
10,000 lb	18183	\$4,351.00
20,000 lb	18184	\$4,351.00
30,000 lb	32170	\$6,731.00
40,000 lb	32172	\$6,731.00
50,000 lb	18185	\$6,911.00
60,000 lb	18186	\$6,911.00
100,000 lb	18187	\$11,130.00
150,000 lb	18188	\$11,130.00
Dummy Load Cells		
5,000 lb-20,000 lb	33749	\$90.00
30,000 lb-60,000 lb	74016	\$122.00
100,000 lb	94175	\$265.00
150,000 lb	158715	\$265.00
Grounding Kit		
5,000 lb-60,000 lb	126419	\$21.00

Includes ground strap and mounting hardware per mount

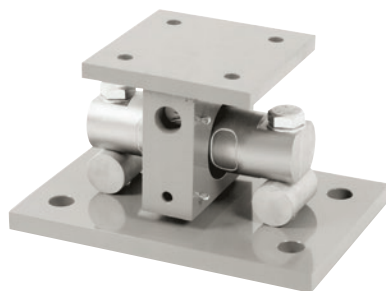
EZ Mount 1 with RL70000SS

Stainless Steel Weigh Modules, Rice Lake Weighing Systems



Picture is a representation of actual product.

The EZ Mount 1 Series weigh module utilizes the double-ended beam design with an articulating top plate to provide superior accuracy in any loading condition. The double-ended beam design means there is less cumbersome hardware and each module has a lower profile than modules of different configurations. NTEP certified and FM approved RL70000SS Series load cells give you accuracy and dependability in many applications, including intrinsically safe and explosion proof areas.



Module with RL70000SS double-ended shear beam load cell.

Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four EZ Mount 1 stainless steel compression mounts
- Three or four RL70000SS stainless steel double-ended shear beam load cells
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 5,000-150,000 lb
- Unique sliding pin design compensates for thermal expansion/contraction
- NTEP Certified load cells (10-100 k)
- Self-checking
- Easy load cell replacement
- Simplified design allows bolting directly to tank and floor
- Center-loaded double-ended shear beam design
- Low-profile design
- 304 stainless steel construction

Optional Features

- Kits available with VPG® Revere 9103 load cell, capacities in 5,000-150,000 lb

Applications

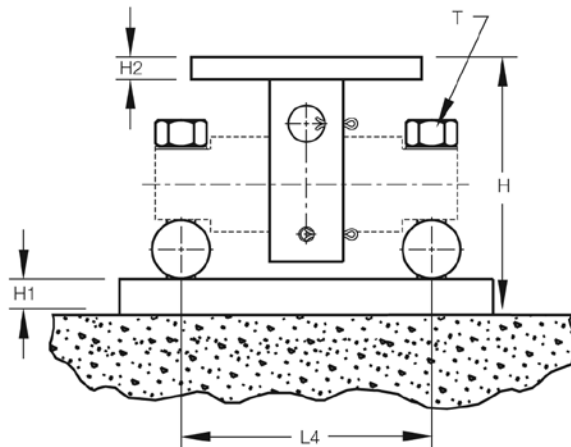
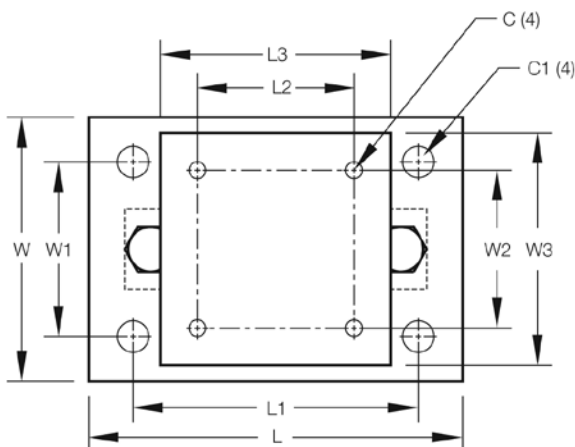
- Medium to heavy-capacity tank and hopper weighing applications

Load Cell Certifications



EZ Mount 1 with RL70000SS

Stainless Steel Weigh Modules, Rice Lake Weighing Systems



Dimensions

Rated Capacity lb/in	C	C1	H	H1	H2	L	L1	L2	L3	L4	T	W	W1	W2	W3
5,000-20,000	0.56	1.06	5.31	0.75	0.50	11.00	8.00	3.00	6.00	6.87	5/8-18 UNF	7.50	4.00	3.00	6.00
30,000-60,000	0.68	1.19	8.43	1.00	0.75	15.00	11.50	5.12	8.00	8.50	1-14 UNS	10.00	6.00	5.12	8.00
100,000	0.81	1.38	10.37	1.25	1.25	18.00	14.00	7.50	10.00	9.50	1-14 UNS	12.00	9.00	7.50	10.00
150,000	0.81	1.38	10.37	1.25	1.25	18.00	14.00	7.50	10.00	9.50	1-14 UNS	12.00	9.00	7.50	10.00

Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Does NOT Include Load Cell)		
5,000 lb-20,000 lb	17943	\$845.00
30,000 lb-60,000 lb	17944	\$2,330.00
100,000 lb	17945	\$4,278.00
150,000 lb	29011	\$4,278.00
3-Module Kit		
5,000 lb*	36195	\$4,945.00
10,000 lb	36196	\$4,945.00
20,000 lb	36197	\$4,945.00
30,000 lb	36198	\$9,582.00
40,000 lb	36199	\$9,582.00
50,000 lb	36200	\$9,695.00
60,000 lb	36201	\$9,695.00
100,000 lb	36202	\$17,908.00
150,000 lb*	43288	\$17,908.00

* Non-NTEP Certified

Load Rating (Per Module)	Part #	Price
4-Module Kit		
5,000 lb*	36203	\$6,625.00
10,000 lb	36204	\$6,625.00
20,000 lb	36205	\$6,625.00
30,000 lb	36206	\$13,010.00
40,000 lb	36207	\$13,010.00
50,000 lb	36208	\$13,317.00
60,000 lb	36209	\$13,317.00
100,000 lb	36210	\$25,222.00
150,000 lb*	43289	\$25,222.00
Dummy Load Cells (Mild Steel)		
5,000 lb-20,000 lb	33749	\$90.00
30,000 lb-60,000 lb	74016	\$122.00
100,000 lb	94175	\$265.00
150,000 lb	158715	\$265.00
Grounding Kit		
5,000 lb-60,000 lb	126419	\$21.00

Includes ground strap and mounting hardware per mount

NEW

WEIGH MODULES

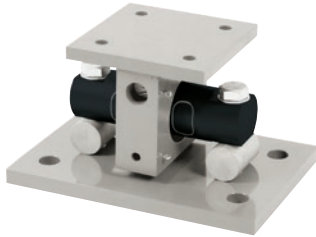
EZ Mount 1 with Painted RL70000

Rice Lake Weighing Systems



Available in configurations with three or four mounting assemblies.
Picture is a representation of actual product.

The EZ Mount 1 Series weigh module utilizes the double-ended beam design with an articulating top plate to provide superior accuracy in any loading condition. The double-ended beam design means there is less cumbersome hardware and each module has a lower profile than modules of different configurations. FM approved RL70000 painted load cells give you accuracy and dependability in fertilizer applications, including intrinsically safe and explosion proof areas.



Module with RL70000 painted double-ended shear beam load cell.

Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four EZ Mount 1 stainless steel compression mounts
- Three or four RL70000 alloy painted double-ended shear beam load cells
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 5,000-150,000 lb
- NTEP Certified load cells (5-150 k)
- Unique sliding pin design compensates for thermal expansion/contraction
- Self-checking
- Easy load cell replacement
- Simplified design allows bolting directly to tank and floor
- Center-loaded double-ended shear beam design
- Low-profile design
- 304 stainless steel construction (mount)

Applications

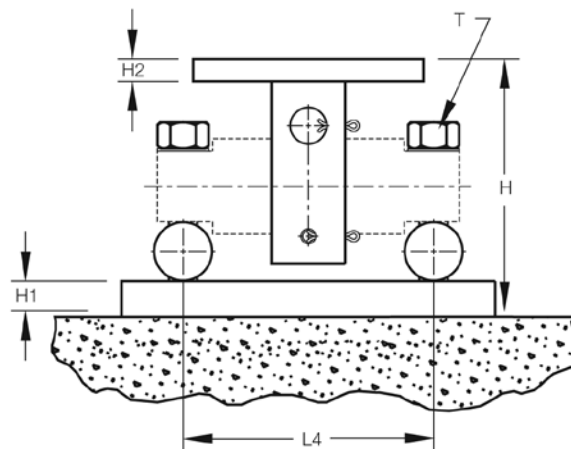
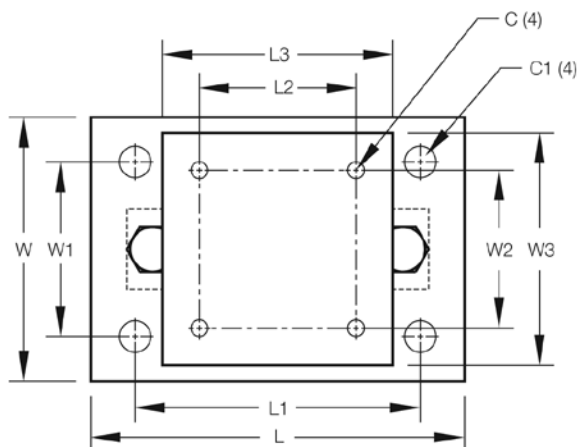
- Medium-to heavy-capacity tank and fertilizer hopper weighing applications

Load Cell Certifications



EZ Mount 1 with Painted RL70000

Rice Lake Weighing Systems



Dimensions

Rated Capacity	C	C1	H	H1	H2	L	L1	L2	L3	L4	T	W	W1	W2	W3
lb/in															
5,000-20,000	0.56	1.06	5.31	0.75	0.50	11.00	8.00	3.00	6.00	6.87	5/8-18 UNF	7.50	4.00	3.00	6.00
30,000-60,000	0.68	1.19	8.43	1.00	0.75	15.00	11.50	5.12	8.00	8.50	1-14 UNS	10.00	6.00	5.12	8.00
100,000	0.81	1.38	10.37	1.25	1.25	18.00	14.00	7.50	10.00	9.50	1-14 UNS	12.00	9.00	7.50	10.00
150,000	0.81	1.38	10.37	1.25	1.25	18.00	14.00	7.50	10.00	9.50	1-14 UNS	12.00	9.00	7.50	10.00

Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Does NOT Include Load Cell)		
5,000 lb-20,000 lb	17943	\$845.00
30,000 lb-60,000 lb	17944	\$2,330.00
100,000 lb	17945	\$4,278.00
150,000 lb	29011	\$4,278.00
3-Module Kit		
5,000 lb*	207819	\$4,658.00
10,000 lb	207820	\$4,658.00
20,000 lb	207821	\$4,658.00
30,000 lb	207822	\$9,535.00
40,000 lb	207823	\$9,535.00
50,000 lb	207824	\$9,535.00
60,000 lb	207825	\$9,535.00
100,000 lb	207826	\$17,910.00
150,000 lb*	207827	\$17,910.00

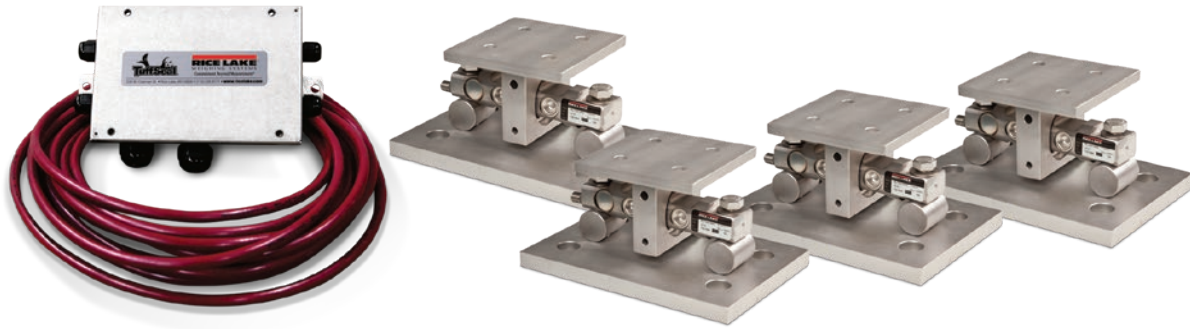
* Non-NTEP Certified

Load Rating (Per Module)	Part #	Price
4-Module Kit		
5,000 lb*	207829	\$6,228.00
10,000 lb	207830	\$6,228.00
20,000 lb	207831	\$6,228.00
30,000 lb	207832	\$12,715.00
40,000 lb	207833	\$12,715.00
50,000 lb	207834	\$12,715.00
60,000 lb	207835	\$12,715.00
100,000 lb	207836	\$23,845.00
150,000 lb*	207837	\$23,845.00
Dummy Load Cells (Mild Steel)		
5,000 lb-20,000 lb	33749	\$90.00
30,000 lb-60,000 lb	74016	\$122.00
100,000 lb	94175	\$265.00
150,000 lb	158715	\$265.00
Grounding Kit		
5,000 lb-60,000 lb	126419	\$21.00

Includes ground strap and mounting hardware per mount

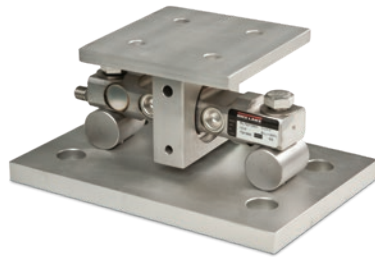
EZ Mount 1 HE

Stainless Steel Weigh Modules, Hermetically Sealed, Rice Lake Weighing Systems



Picture is a representation of actual product.

The EZ Mount 1 HE Series weigh modules utilize the double-ended beam design with an articulating top plate to provide superior accuracy in any loading condition. The double-ended beam design means there is less cumbersome hardware and each module has a lower profile than modules of different configurations. The RL72019SS Series load cells give you accuracy and dependability in any environment. Their stainless steel, hermetically sealed design also make them the ideal solution in harsh environments where moisture is present.



Module with RL72019SS double-ended shear beam load cell.

Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four EZ Mount 1 stainless steel compression mounts
- Three or four RL72019SS hermetically sealed stainless steel double-ended shear beam load cells
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 5,000-60,000 lb
- Unique sliding pin design compensates for thermal expansion/contraction
- Self-checking
- Easy load cell replacement
- Simplified design allows bolting directly to tank and floor
- Center-loaded, double-ended shear beam design
- Low-profile design
- 304 stainless steel construction

Applications

- Medium- to heavy-capacity tank and hopper weighing applications

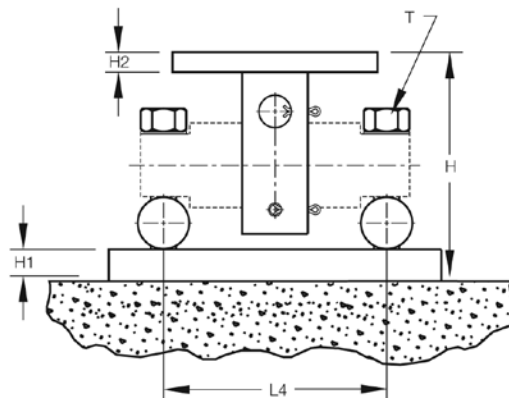
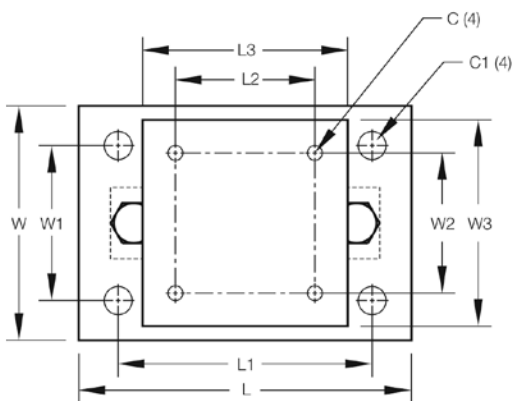
Load Cell Certifications



pending

EZ Mount 1 HE

Stainless Steel Weigh Modules, Hermetically Sealed, Rice Lake Weighing Systems



Dimensions

Rated Capacity	C	C1	H	H1	H2	L	L1	L2	L3	L4	T	W	W1	W2	W3
lb/in															
5,000-20,000	0.56	1.06	5.31	0.75	0.50	11.00	8.00	3.00	6.00	6.87	5/8-18 UNF	7.50	4.00	3.00	6.00
30,000-60,000	0.68	1.19	8.43	1.00	0.75	15.00	11.50	5.12	8.00	8.50	1-14 UNS	10.00	6.00	5.12	8.00

NOTES: Mounting bolts (T) may project on lower side of base plate. Foundation plate not included

Order Information

Load Rating (Per Module)	Part #	Price
3-Module Kit		
5,000 lb	46695	\$6,115.00
10,000 lb	46696	\$6,115.00
20,000 lb	46697	\$6,115.00
30,000 lb	46698	\$12,015.00
40,000 lb	46699	\$12,015.00
50,000 lb	46700	\$12,015.00
60,000 lb	46701	\$12,015.00
4-Module Kit		
5,000 lb	46702	\$8,230.00
10,000 lb	46703	\$8,230.00
20,000 lb	46704	\$8,230.00
30,000 lb	46705	\$15,695.00
40,000 lb	46706	\$15,695.00
50,000 lb	46707	\$15,695.00
60,000 lb	46708	\$15,695.00
Dummy Load Cells (Mild Steel)		
5,000 lb-20,000 lb	33749	\$90.00
30,000 lb-60,000 lb	74016	\$122.00
Grounding Kit		
5,000 lb-60,000 lb	126419	\$21.00

Includes ground strap and mounting hardware

Shims

	Part #	Price
5,000 lb-20,000 lb, Stainless Steel		
0.0625 in	150886	\$8.50
0.125 in	150888	\$12.25
0.250 in	150889	\$26.00
30,000 lb-60,000 lb, Stainless Steel		
0.0625 in	150890	\$15.00
0.125 in	150891	\$22.00
0.250 in	150892	\$59.00
100,000 lb-150,000 lb, Stainless Steel		
0.0625 in	150893	\$22.00
0.125 in	150894	\$36.00
0.250 in	150896	\$93.00
5,000 lb-20,000 lb, Mild Steel		
0.0625 in	150874	\$3.00
0.125 in	150876	\$4.25
0.250 in	150877	\$4.50
30,000 lb-60,000 lb, Mild Steel		
0.0625 in	150878	\$4.25
0.125 in	150880	\$7.00
0.250 in	150881	\$7.25
100,000 lb-150,000 lb, Mild Steel		
0.0625 in	150882	\$6.25
0.125 in	150884	\$10.25
0.250 in	150885	\$11.00

WEIGH MODULES

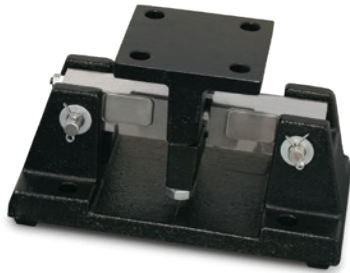
RL1600 Series

Cast Iron Weigh Modules

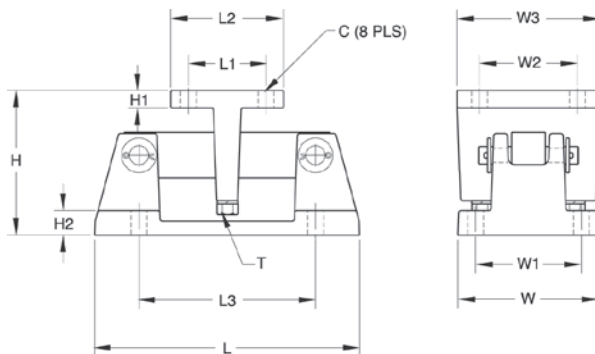


Picture is a representation of actual product.

The RL1600 Series mounting module kit utilizes several Rice Lake Weighing Systems components to provide an unmatched level of performance in tank and hopper weighing applications. The RL1600 Series kit is ideally suited for indoor and outdoor process control operations in the medium- to high-capacity ranges. Each module incorporates self-checking capabilities for thermal expansion and contraction.



Cast iron module with RL75016 double-ended beam load cell.



Dimensions

Rated Capacity lb/in	C	H	H1	H2	L	L1	L2	L3	T	W	W1	W2	W3
1,000-5,000	0.56	5.00	0.50	0.50	9.31	2.75	4.00	6.25	1/2-13 UNC	5.00	3.75	2.75	4.00
10,000-25,000	0.78	7.89	0.75	0.75	12.00	6.00	8.00	7.50	3/4-10 UNC	8.00	6.00	6.00	8.00

Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four RL1600 cast iron compression mounts
- Three or four RL75016 double-ended shear beam load cells
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 1,000-25,000 lb
- Cast iron construction
- Self-checking easy-to-use design allows module to be bolted directly to tank leg without requiring additional mounting plates or load buttons
- Environmentally protected load cells
- Double-ended beam design, center loaded

Optional Features

- Kits available with VPG® Sensortronics 65016 load cells, capacities (per module): 1,000-25,000 lb

Applications

- Medium- to heavy-capacity tanks, bins and hoppers
- Bulk material management

Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Does NOT Include Load Cell)		
1,000 lb-5,000 lb	17964	\$175.00
10,000 lb-25,000 lb	17965	\$340.00
3-Module Kit		
1,000 lb	25663	\$2,258.00
1,500 lb	25664	\$2,258.00
2,000 lb	25665	\$2,258.00
2,500 lb	25666	\$2,258.00
3,000 lb	25667	\$2,258.00
5,000 lb	25668	\$2,258.00
10,000 lb	25669	\$2,952.00
15,000 lb	25671	\$2,952.00
20,000 lb	25672	\$2,952.00
25,000 lb	25674	\$2,952.00
4-Module Kit		
1,000 lb	25675	\$2,888.00
1,500 lb	25676	\$2,888.00
2,000 lb	25677	\$2,888.00
2,500 lb	25678	\$2,888.00
3,000 lb	25679	\$2,888.00
5,000 lb	25680	\$2,888.00
10,000 lb	25681	\$3,810.00
15,000 lb	25682	\$3,810.00
20,000 lb	25683	\$3,810.00
25,000 lb	25684	\$3,810.00

Load Cell Upgrade

RL75016SS Stainless Steel Load Cells
Three mount kits, 1,000 lb to 25,000 lb \$75.00 added to list price
Four mount kits, 1,000 lb to 25,000 lb \$100.00 added to list price
RL75016WHE Stainless Steel Hermetic Load Cells
Three mount kits 1,000 lb to 5,000 lb \$390.00, 10 k-25 k \$435.00 added to list price
Four mount kits 1,000 lb to 5,000 lb \$520.00, 10 k-25 k \$580.00 added to list price

Contact factory for a 50,000 lb to 75,000 lb upgrade

VPG Sensortronics 65016 Order Information

Load Rating (Per Module)	Part #	Price
3-Module Kit		
1,000 lb	25685	\$2,655.00
1,500 lb	25686	\$2,655.00
2,500 lb	25688	\$2,655.00
5,000 lb	25690	\$2,655.00
10,000 lb	25691	\$3,350.00
15,000 lb	25692	\$3,350.00
20,000 lb	25693	\$3,350.00
25,000 lb	25694	\$3,350.00
4-Module Kit		
1,000 lb	25695	\$3,445.00
1,500 lb	25696	\$3,445.00
2,500 lb	25698	\$3,445.00
5,000 lb	25700	\$3,445.00
10,000 lb	25701	\$4,399.00
15,000 lb	25702	\$4,399.00
20,000 lb	25703	\$4,399.00
25,000 lb	25704	\$4,399.00
Dummy Load Cells		
1,000 lb-5,000 lb	18236	\$26.00
10,000 lb-25,000 lb	18237	\$42.00

Shims, Mild Steel

	Part #	Price
1,000 lb-5,000 lb		
0.0625 in	150844	\$2.00
0.125 in	150845	\$3.00
0.250 in	150846	\$3.00
10,000 lb-25,000 lb		
0.0625 in	150847	\$5.00
0.125 in	150848	\$7.50
0.250 in	150849	\$8.00

WEIGH MODULES

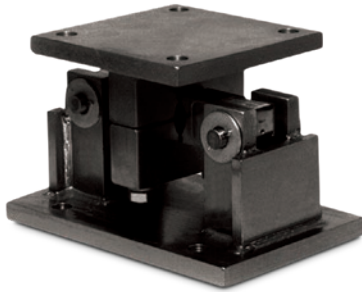
RL1600 Series

Mild Steel Weigh Modules

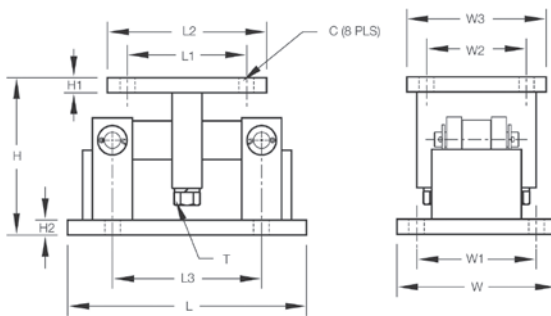


Picture is a representation of actual product.

The RL1600 Series mounting module kit utilizes several Rice Lake Weighing Systems components to provide an unmatched level of performance in tank and hopper weighing applications. The RL1600 Series kit is ideally suited for indoor and outdoor process control operations in the medium- to high-capacity ranges. Each module incorporates self-checking capabilities for thermal expansion and contraction.



Mild steel module with RL75016 double-ended beam load cell.



Dimensions

Rated Capacity	C	H	H1	H2	L	L1	L2	L3	T	W	W1	W2	W3
1,000-5,000	0.56	5.00	0.50	0.50	9.25	2.75	4.00	6.25	1/2-13 UNC	5.00	3.75	2.75	4.00
10,000-25,000	0.78	7.87	0.75	0.75	12.00	6.00	8.00	7.50	3/4-10 UNC	8.00	6.00	6.00	8.00
50,000-75,000	0.78	9.25	1.00	1.00	16.25	6.50	9.00	11.50	1 1/4-7 UNC	12.00	9.50	6.50	9.00

Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four RL1600 mild steel compression mounts
- Three or four RL75016 double-ended shear beam load cells
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 1,000-75,000 lb
- Self-checking, easy-to-use design allows module to be bolted directly to tank leg without requiring additional mounting plates or load buttons
- Environmentally protected load cells
- Double-ended shear beam design, center loaded
- Painted mild steel construction

Optional Features

- Kits available with VPG® Sensortronics 65016 load cells, capacities (per module): 1,000 - 75,000 lb

Applications

- Medium- to heavy-capacity tanks, bins and hoppers
- Bulk material management

Load Cell Certifications



WEIGH MODULES
RL1600 Series
Mild Steel Weigh Modules

Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Does NOT Include Load Cell)		
1,000 lb-5,000 lb	17812	\$175.00
10,000 -25,000 lb	17814	\$340.00
50,000 lb	17816	\$1,140.00
75,000 lb	25346	\$1,140.00
3-Module Kit		
1,000 lb	18117	\$2,258.00
1,500 lb	18118	\$2,258.00
2,000 lb	18119	\$2,258.00
2,500 lb	18120	\$2,258.00
3,000 lb	18121	\$2,258.00
5,000 lb	18122	\$2,258.00
10,000 lb	18123	\$2,952.00
15,000 lb	18124	\$2,952.00
20,000 lb	18125	\$2,952.00
25,000 lb	18126	\$2,952.00
50,000 lb	18127	\$6,138.00
75,000 lb	25348	\$6,138.00
4-Module Kit		
1,000 lb	18129	\$2,888.00
1,500 lb	18130	\$2,888.00
2,000 lb	18131	\$2,888.00
2,500 lb	18132	\$2,888.00
3,000 lb	18133	\$2,888.00
5,000 lb	18134	\$2,888.00
10,000 lb	18135	\$3,810.00
15,000 lb	18136	\$3,810.00
20,000 lb	18137	\$2,888.00
25,000 lb	18138	\$3,810.00
50,000 lb	18139	\$8,199.00
75,000 lb	25349	\$8,199.00

VPG Sensortronics 65016 Order Information

Load Rating (Per Module)	Part #	Price
3-Module Kit		
1,000 lb	18189	\$2,655.00
1,500 lb	18190	\$2,655.00
2,500 lb	18192	\$2,655.00
5,000 lb	18194	\$2,655.00
10,000 lb	18195	\$3,350.00
15,000 lb	18196	\$3,350.00
20,000 lb	18197	\$3,350.00
25,000 lb	18198	\$3,350.00
50,000 lb	18199	\$6,633.00
75,000 lb	25350	\$6,633.00
4-Module Kit		
1,000 lb	18201	\$3,445.00
1,500 lb	18202	\$3,445.00
2,500 lb	18204	\$3,445.00
5,000 lb	18206	\$3,445.00
10,000 lb	18207	\$4,399.00
15,000 lb	18208	\$4,399.00
20,000 lb	18209	\$4,399.00
25,000 lb	18210	\$4,399.00
50,000 lb	18211	\$8,692.00
75,000 lb	25351	\$8,692.00
Dummy Load Cells		
1,000 lb-5,000 lb	18236	\$26.00
10,000 lb-25,000 lb	18237	\$42.00
50,000 lb	18238	\$56.00

Shims, Mild Steel

	Part #	Price
1,000 lb-5,000 lb		
0.0625 in	150844	\$2.00
0.125 in	150845	\$3.00
0.250 in	150846	\$3.00
10,000 lb-25,000 lb		
0.0625 in	150847	\$5.00
0.125 in	150848	\$7.50
0.250 in	150849	\$8.00
50,000 lb-75,000 lb		
0.0625 in	150850	\$7.00
0.125 in	150851	\$9.00
0.250 in	150866	\$7.50

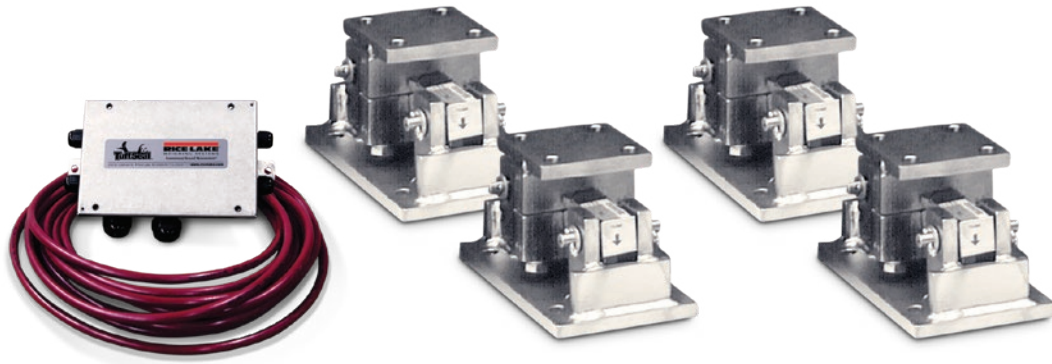
Load Cell Upgrade

RL75016SS Stainless Steel Load Cells	
Three mount kits, 1,000 lb-25,000 lb	\$75.00 added to list price
Four mount kits, 1,000 lb 25,000 lb	\$100.00 added to list price
RL75016WHE Stainless Steel Hermetic Load Cells	
Three mount kits 1,000 lb-5,000 lb	\$390.00, 10,000 lb-25,000 lb \$435.00 added to list price
Four mount kits 1,000 lb-5,000 lb	\$520.00, 10,000 lb-25,000 lb \$580.00 added to list price

Contact factory for a 50,000 lb to 75,000 lb adder for stainless only

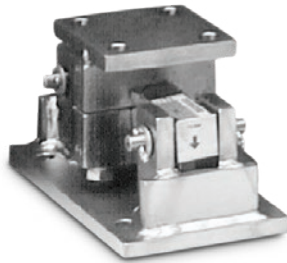
RL1600 Series SS

Stainless Steel Weigh Modules

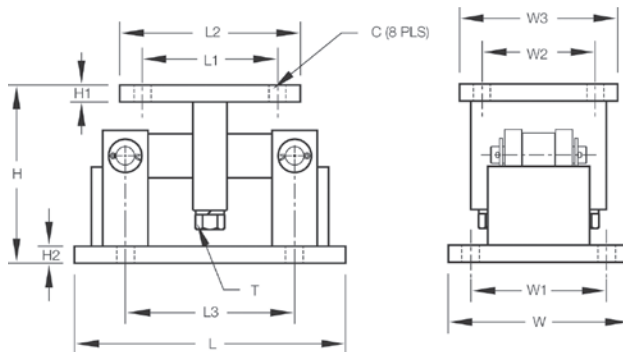


Picture is a representation of actual product.

The RL1600 Series mounting module kit utilizes several Rice Lake Weighing Systems components to provide an unmatched level of performance in tank and hopper weighing applications. The RL1600 Series kit is ideally suited for indoor and outdoor process control operations in the medium- to high-capacity ranges. Each module incorporates self-checking capabilities for thermal expansion and contraction.



Fabricated stainless steel module with RL75016SS double-ended beam load cell.



Dimensions

Rated Capacity	C	H	H1	H2	L	L1	L2	L3	T	W	W1	W2	W3
lb/in													
1,000-5,000	0.56	5.00	0.50	0.50	9.25	2.75	4.00	6.25	1/2-13 UNC	5.00	3.75	2.75	4.00
10,000-25,000	0.78	7.87	0.75	0.75	12.00	6.00	8.00	7.50	3/4-10 UNC	8.00	6.00	6.00	8.00
50,000-75,000	0.78	9.25	1.00	1.00	16.25	6.50	9.00	11.50	1 1/4-7 UNC	12.00	9.50	6.50	9.00

Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four RL1600 stainless steel compression mounts
- Three or four RL75016 SS stainless steel double-ended shear beam load cells
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 1,000-75,000 lb
- 304 stainless steel construction
- Self-checking, easy-to-use design allows module to be bolted directly to tank leg without requiring additional mounting plates or load buttons
- Environmentally protected load cells
- Double-ended shear beam design, center loaded

Optional Features

- Kits available with VPG® Sensortronics 65016W SS load cells

Applications

- Medium- to heavy-capacity tanks, bins and hoppers
- Bulk material management

Load Cell Certifications



WEIGH MODULES

RL1600 Series SS

Stainless Steel Weigh Modules

Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Does NOT Include Load Cell)		
1,000 lb-5,000 lb	17813	\$657.00
10,000 lb-25,000 lb	17815	\$1,283.00
50,000 lb	17842	\$3,032.00
75,000 lb	25347	\$3,032.00
3-Module Kit		
1,000 lb	18141	\$3,736.00
1,500 lb	18142	\$3,736.00
2,000 lb	18143	\$3,736.00
2,500 lb	18144	\$3,736.00
5,000 lb	18145	\$3,736.00
10,000 lb	18146	\$5,645.00
15,000 lb	18147	\$5,645.00
20,000 lb	18148	\$5,645.00
25,000 lb	18149	\$5,645.00
50,000 lb	18150	\$12,800.00
75,000 lb	25352	\$12,800.00
4-Module Kit		
1,000 lb	18152	\$4,876.00
1,500 lb	18153	\$4,876.00
2,000 lb	18154	\$4,876.00
2,500 lb	18155	\$4,876.00
5,000 lb	18156	\$4,876.00
10,000 lb	18157	\$7,711.00
15,000 lb	18158	\$7,711.00
20,000 lb	18159	\$7,711.00
25,000 lb	18160	\$7,711.00
50,000 lb	18161	\$17,283.00
75,000 lb	25353	\$17,283.00

VPG Sensortronics 65016W Order Information

Load Rating (Per Module)	Part #	Price
3-Module Kit		
1,000 lb	18213	\$4,007.00
1,500 lb	18214	\$4,007.00
2,500 lb	18216	\$4,007.00
5,000 lb	18217	\$4,007.00
10,000 lb	18218	\$6,095.00
15,000 lb	18219	\$6,095.00
20,000 lb	18220	\$6,095.00
25,000 lb	18221	\$6,095.00
50,000 lb	18222	\$13,356.00
75,000 lb	25354	\$13,356.00
4-Module Kit		
1,000 lb	18224	\$5,263.00
1,500 lb	18225	\$5,263.00
2,500 lb	18227	\$5,263.00
5,000 lb	18228	\$5,263.00
10,000 lb	18229	\$8,045.00
15,000 lb	18230	\$8,045.00
20,000 lb	18231	\$8,045.00
25,000 lb	18232	\$8,045.00
50,000 lb	18233	\$17,617.00
75,000 lb	25355	\$17,617.00
Dummy Load Cells (Mild Steel)		
1,000 lb-5,000 lb	18236	\$26.00
10,000 lb-25,000 lb	18237	\$42.00
50,000 lb	18238	\$56.00

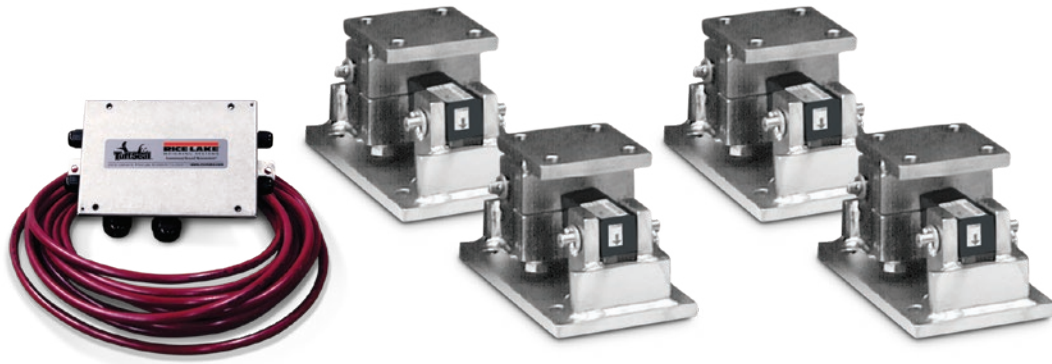
Shims, Stainless

	Part #	Price
1,000 lb-5,000 lb		
0.0625	150852	\$5.00
0.125	150853	\$10.00
0.250	150854	\$16.00
10,000 lb-25,000 lb		
0.0625	150855	\$15.00
0.125	150856	\$24.00
0.250	150857	\$62.00
50,000 lb-75,000 lb		
0.0625	150858	\$21.00
0.125	150859	\$31.00
0.250	150861	\$77.00

WEIGH MODULES

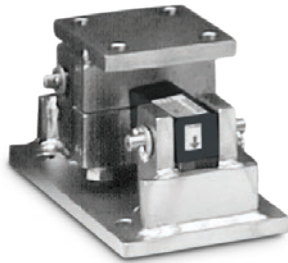
RL1600 Series Painted Load Cell Version

Stainless Steel Weigh Modules

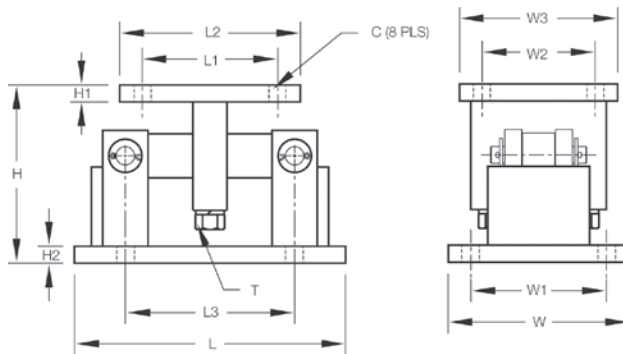


Picture is a representation of actual product.

The RL1600 Series mounting module kit utilizes several Rice Lake Weighing Systems components to provide an unmatched level of performance in tank and hopper weighing applications. The RL1600 Series is ideally suited for applications where corrosive materials are weighed such as fertilizer. Each module incorporates self-checking capabilities for thermal expansion and contraction.



Module with RL75016 painted double-ended beam cell



Dimensions

Rated Capacity lb/in	C	H	H1	H2	L	L1	L2	L3	T	W	W1	W2	W3
1,000-5,000	0.56	5.00	0.50	0.50	9.25	2.75	4.00	6.25	1/2-13 UNC	5.00	3.75	2.75	4.00
10,000-25,000	0.78	7.87	0.75	0.75	12.00	6.00	8.00	7.50	3/4-10 UNC	8.00	6.00	6.00	8.00
50,000-75,000	0.78	9.25	1.00	1.00	16.25	6.50	9.00	11.50	1 1/4-7 UNC	12.00	9.50	6.50	9.00

Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four RL1800 stainless steel compression mounts
- Three or four RL75016 painted alloy steel double ended shear beam load cells
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 1,000-75,000 lb
- Self-checking, easy-to-use design allows module to be bolted directly to tank leg without requiring additional mounting plates or load buttons
- Environmentally protected load cells
- Double-ended shear beam design, center loaded

Applications

- Medium-to heavy-capacity tanks, bins and hoppers
- Bulk material management

Load Cell Certifications



RL1600 Series Painted Load Cell Version

Stainless Steel Weigh Modules

Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Does NOT Include Load Cell)		
1,000 lb-5,000 lb	17813	\$657.00
10,000 lb-25,000 lb	17815	\$1,283.00
50,000 lb	17842	\$3,032.00
75,000 lb	25347	\$3,032.00
3-Module Kit		
1,000 lb	199023	\$3,736.00
1,500 lb	199025	\$3,736.00
2,000 lb	199027	\$3,736.00
2,500 lb	199029	\$3,736.00
3,000 lb	199031	\$3,736.00
5,000 lb	199033	\$3,736.00
10,000 lb	199035	\$5,645.00
15,000 lb	199037	\$5,645.00
20,000 lb	199038	\$5,645.00
25,000 lb	199040	\$5,645.00
50,000 lb	199042	\$12,800.00
75,000 lb	199044	\$12,800.00
4-Module Kit		
1,000 lb	199024	\$4,876.00
1,500 lb	199026	\$4,876.00
2,000 lb	199028	\$4,876.00
2,500 lb	199030	\$4,876.00
3,000 lb	199032	\$4,876.00
5,000 lb	199034	\$4,876.00
10,000 lb	199036	\$7,711.00
15,000 lb	199056	\$7,711.00
20,000 lb	199039	\$7,711.00
25,000 lb	199041	\$7,711.00
50,000 lb	199043	\$17,283.00
75,000 lb	199045	\$17,283.00

Shims, Stainless

	Part #	Price
1,000 lb–5,000 lb		
0.0625	150852	\$5.00
0.125	150853	\$10.00
0.250	150854	\$16.00
10,000 lb–25,000 lb		
0.0625	150855	\$15.00
0.125	150856	\$24.00
0.250	150857	\$62.00
50,000 lb–75,000 lb		
0.0625	150858	\$21.00
0.125	150859	\$31.00
0.250	150861	\$77.00

MVS Mount/MVS

Conversion Kit



Picture is a representation of actual product.

The MVS utilizes the center-loaded double-ended shear beam load cell design. The mount is self-centering, which eliminates the need of costly check rods. This results in a pendulum suspension effect that eliminates binding, protects the load cells from damaging side load common on truck scales and automatically returns the mount to dead center. The mount is easy to install and promises high performance and long life.

Complete Kit Includes

- 4 to 10 RL75058-LP 75,000 lb load cells with 35 ft or 60 ft cables
- 4 to 10 MVS mounts
- JB8SPT junction box (JB1010 on 10 module kit)
- 100 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacity design: 10,000-125,000 lb
- Mild steel construction
- Specially hardened center link
- Self-checking design
- Self-centering design
- Accommodates thermal expansion and contraction

Optional Features

- VPG® Sensortronics 65058 or VPG® Celtron CLB

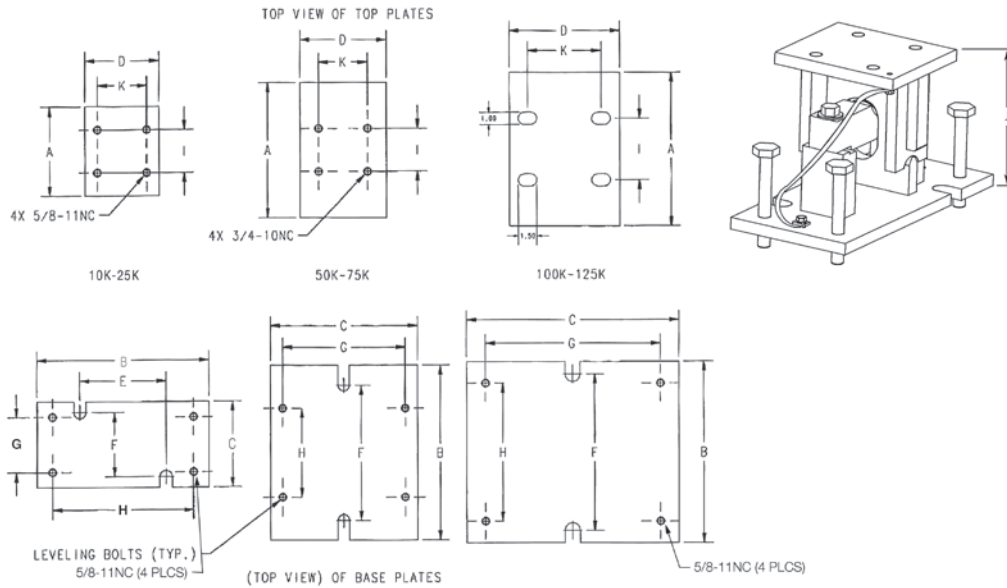
Applications

- Truck scale conversion
- Heavy-capacity horizontal tanks

Load Cell Certifications:



WEIGH MODULES
MVS Mount/MVS
Conversion Kit



Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	I	J	K
lb/in											
10,000-25,000	7.25	14.00	7.00	6.00	7.00	5.25	4.50	11.50	3.50	8.50	4.00
50,000-75,000	11.00	14.25	12.00	7.00	—	11.00	10.00	7.25	3.50	11.53	4.00
100,000-125,000	12.50	14.75	17.25	9.00	—	12.75	14.25	11.25	5.00	14.21	6.00

Order Information

Load Rating (Per Module)	Part #	Price
MVS Mount (Does NOT Include Load Cell)		
10,000 lb-25,000 lb	71200	\$695.00
50,000 lb-75,000 lb	46441	\$810.00
100,000 lb-125,000 lb	68520	\$1,405.00
MVS Conversion Kits (Includes 75,000 lb* Load Cells, Mounts and Junction Box)		
4-module kit	68495	\$7,287.00
6-module kit	68496	\$10,722.00
8-module kit	68497	\$14,580.00
10-module kit	68498	\$18,915.00
Dummy Load Cell		
50 lb-75,000 lb	169388	\$175.00
100,000 lb-125,000 lb	159696	\$212.00

Custom heights available; Consult
* Consult for other capacity requirements

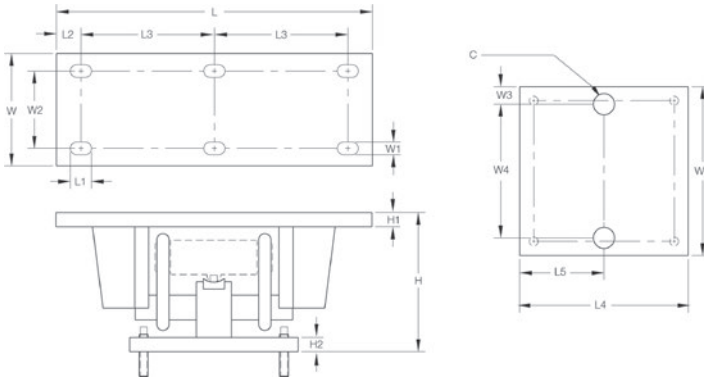
Translink™ Parallel Link

Truck Scale Assembly, Rice Lake Weighing Systems



Mount only; does not include load cell.
Picture is a representation of actual product.

The Translink parallel link truck scale assembly is designed for use with Rice Lake Weighing Systems' RL75223 and RL75040, VPG® Revere's 5223 or VPG® Sentionics 65040A load cells. This design allows the scale platform to move freely in all directions on a horizontal plane while causing the platform to self-center because of the pendulous action of the links. The unique parallel link design eliminates the need for costly and troublesome checkrods. Simply install platform bumpers and forget about over-travel. This mount is ideal for heavy-capacity weighbridges.



Dimensions

Rated Capacity	C	H	H1	H2	L	L1	L2	L3	L4	L5	W	W1	W2	W3	W4	W5
50,000-100,000 (RL75223, 5223)	1.50	12.93	1.00	1.00	22.50	1.50	1.75	9.50	11.75	5.88	7.75	0.91	5.25	1.25	9.25	11.75
25,000-40,000 (RL75040, 65040A)	1.50	9.88	1.00	1.00	18.50	1.50	1.75	7.50	11.75	5.88	7.75	0.91	5.25	1.25	9.25	11.75
50,000-75,000 (RL75040, 65040A)	1.50	12.82	1.00	1.00	22.50	1.50	1.75	9.50	11.75	5.88	7.75	0.91	5.25	1.25	9.25	11.75

Order Information

Load Rating (Per Module)	Part #	Price
For Use With RL75223, 5223 Load Cells		
50,000 lb-100,000 lb	17970	\$845.00
For Use With RL75040, 65040A Load Cells		
25,000 lb-40,000 lb	17971	\$845.00
50,000 lb-75,000 lb	17972	\$845.00

Mount only; does not include load cell

Standard Features

- Capacities: 25,000-100,000 lb
- Center-supported, end-loaded double-ended shear beam design
- Free movement in all directions in the horizontal plane with virtually no friction
- Links provide optimal loading conditions for the cell
- Completely self-centering
- Requires no check rods
- Utilizes cells with 3 mV/V output
- Models available are RL75223 and RL75040, VPG® Revere 5223 and VPG® Sentionics 65040A load cells

Applications

- Truck scale mount
- Heavy-capacity horizontal tanks

Motor Truck Scale Electronic Conversion Kit

Rice Lake Weighing Systems



Complete Kit Includes

- One JB8SP NEMA Type 4X signal-trim junction box with individual and section trimming capability (six- and eight-mount kits) or one JB4SP NEMA Type 4X signal-trim junction box (four-mount kits)
- One UJB3T6 DC transient protector
- Four, six or eight Translink mounting assemblies with RL75040 or RL75223 load cells
- 100 ft of hostile environment EL147HE SURVIVOR® load cell cable

Picture is a representation of actual product.

Full electronic performance can be achieved at a fraction of the cost of a new scale and pit. The Motor Truck Scale (MTS) electronic conversion kit is designed to transform an existing scale pit and weighbridge into a fully electronic vehicle scale. Designed for quick installation without removing the platform or reconfiguring the pit, the conversion kit can often be installed in a matter of days, minimizing downtime. This ease of installation is important when considering installations where it is not feasible to completely remove the existing scale.

Standard Features

- Cost and time efficient installation; no need to remove weighbridge
- Converts existing scale capacities of 40,000-300,000 lb
- Four, six or eight-mount kits for two, three or four section conversions
- Translink™ heavy-capacity mounting assemblies
- Free movement in all directions in the horizontal plane with virtually no friction
- Completely self-centering
- Requires no check rods
- Capacity per mount: 25,000-100,000 lb
- Utilizes cells with 3 mV/V output

Optional Features

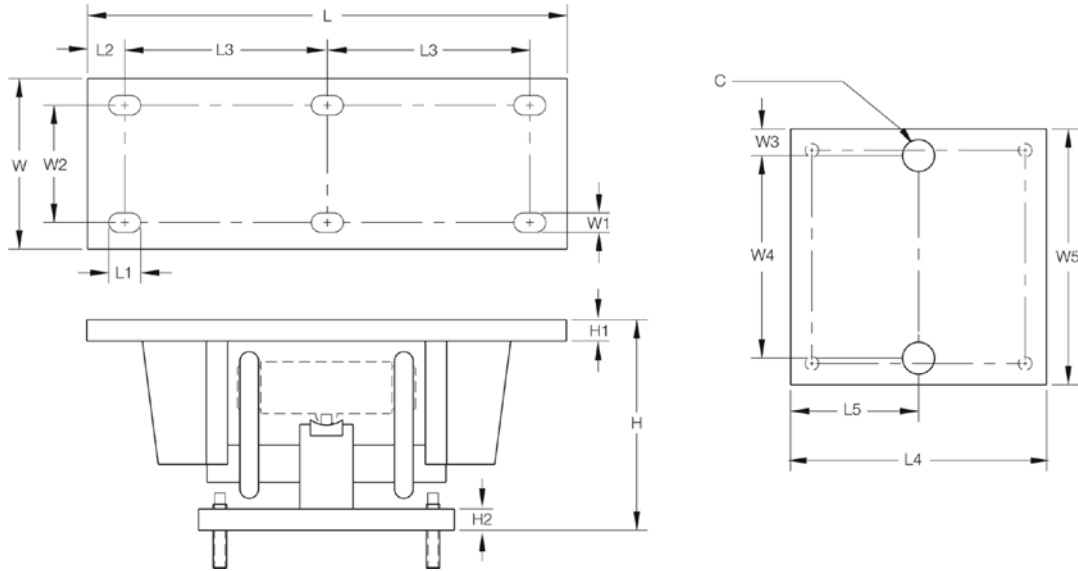
- Custom heights available; consult
- VPG® Sensortronics 65040A or VPG® Revere 5223 load cells

Applications

- Updating existing mechanical motor truck scales
- Replacing unsatisfactory electronic motor truck scales
- Conversion of heavy-capacity scales into fully electronic vehicle scales where the existing scale cannot be removed

Motor Truck Scale Electronic Conversion Kit

Rice Lake Weighing Systems



Dimensions

Rated Capacity	C	H*	H1	H2	L	L1	L2	L3	L4	L5	W	W1	W2	W3	W4**	W5
50,000-100,000 (RL75223)	1.50	12.93	1.00	1.00	22.50	1.50	1.75	9.50	11.75	5.88	7.75	0.91	5.25	1.25	9.25	11.75
25,000-40,000 (RL75040)	1.50	9.88	1.00	1.00	18.50	1.50	1.75	7.50	11.75	5.88	7.75	0.91	5.25	1.25	9.25	11.75
50,000-75,000 (RL75040)	1.50	12.82	1.00	1.00	22.50	1.50	1.75	9.50	11.75	5.88	7.75	0.91	5.25	1.25	9.25	11.75

*Custom heights available; consult

**Custom hole spacing for existing bolt patterns is available; consult

Order Information

Scale Suggested Capacity	Load Cell Capacity (Per Module)	Part #	Load Cell Used In Kit	Price
4-Module Kit (Includes Weigh Modules Load Cells, Junction Box, and Transient Protection)				
40,000 lb	25,000 lb	30513	RL75040	\$6,164.00
60,000 lb	40,000 lb	30514	RL75040	\$6,694.00
6-Module Kit (Includes Weigh Modules Load Cells, Junction Box and Transient Protection)				
100,000 lb	50,000 lb	30515	RL75040	\$10,525.00
120,000 lb	60,000 lb	30516	RL75040	\$10,525.00
8-Module Kit (Includes Weigh Modules Load Cells, Junction Box and Transient Protection)				
120,000 lb	60,000 lb	30517	RL75040	\$13,579.00
200,000 lb	75,000 lb	30518	RL75040	\$13,579.00
300,000 lb	100,000 lb	30512	RL75223	\$16,467.00

SD refers to super duty, 100,000 lb capacity welded-seal load cells

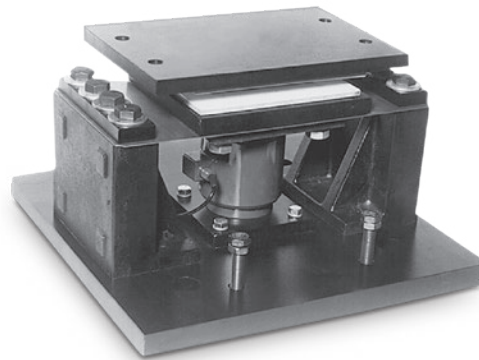
Standard Features

- Capacities: 50,000 lb, 100,000 lb and 200,000 lb
- Protects load cell from shock and side loads
- Low-profile design
- High-strength load bearing plate made of highgrade carbon steel hardened to Rockwell C 48-54
- PTFE coated shock absorbing pads
- Compatible with VPG[®] Revere CP and CSP and Rice Lake Weighing Systems' RLCSP1 NTEP Certified load cells

Applications

- Truck scale mount*
- Heavy-capacity horizontal tanks*
- Railroad track mount*

*Check rods required



Mount only; does not include load cell.
 Picture is a representation of actual product.

The Magna Mount tank, truck and railroad scale assembly is designed for use with Rice Lake Weighing Systems' RLCSP1 or VPG[®] Revere CP or CSP load cells. The shielded-cell load cell mounting assembly is a highly reliable design that shields the load cell from shock and side load effects, assuring accurate weighing even under adverse loading conditions.

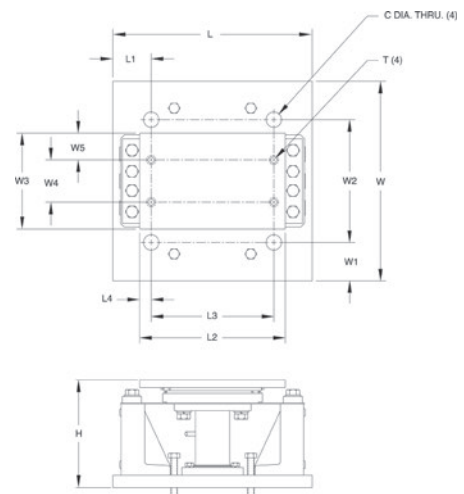
Dimensions

Rated Capacity	C	H	L	L1	L2	L3	L4	T	W	W1	W2	W3	W4	W5
50,000	1.25	7.39	13.00	1.75	11.25	8.50	1.37	3/4-10 UNC	12.00	1.75	8.50	8.00	4.50	1.75
100,000	1.50	11.29	20.00	2.25	18.00	15.50	1.25	7/8-9 UNC	17.00	2.50	12.00	9.00	5.50	1.75
200,000	2.00	14.10	26.00	5.00	19.00	16.00	1.50	1-8 UNC	26.00	5.00	16.00	12.50	5.50	3.50

Order Information

Load Rating (Per Module)	Part #	Price
50,000 lb	21723	\$1,855.00
100,000 lb	21724	\$2,210.00
200,000 lb	17974	\$3,145.00

Mount only; does not include load cell



Mettler Toledo® DigiTOL® Retrofit Kit

Stainless Steel, Rice Lake Weighing Systems/Flintec

RC1 Load Cells



Shown here with the JB8SP signal trim junction box.
Picture is a representation of actual product.

These kits are designed to provide a cost effective solution for replacing Mettler Toledo™ DigiTOL® digital load cells with analog load cells. The Flintec® RC1 and RC3 load cells are stainless steel and hermetically sealed to provide years of trouble-free service.

DigiTOL Retrofit Order information

Description	Part #	Price
8 mount kit (RC1-56,000) 1 JB8SP junction box	78713	\$9,323.00
10 mount kit (RC1-56,000) 2 JB8SP junction boxes	78714	\$11,337.00
12 mount kit (RC1-56,000) 3 EL304 junction boxes	152774	\$13,987.00

Complete Kit Includes

- One JB8SP or two JB8SP signal trim junction boxes (8 and 10 mount kit)
- Three EL304 signal trim boxes in 12 mount kits
- 8, 10 or 12 Flintec RC1-250 KN load cells with upper and lower load cups
- 8, 10 or 12 Flintec RC3 load cells with upper and lower load cups
- 100 ft of hostile environment EL147HE SURVIVOR® load cell cable
- Cups included

Standard Features

- Stainless steel hermetically sealed load cells
- Converts existing Mettler Toledo DigiTOL scale to an analog based load cell weighing system
- 8, 10 or 12 load cells and cups, plus junction box and home run cable
- Load cells are NTEP Certified 1:10,000 divisions, Class III*
- Rocker design load cells
- Load cups

*Consult your local Weights & Measures Authorities for local Legal for Trade requirements

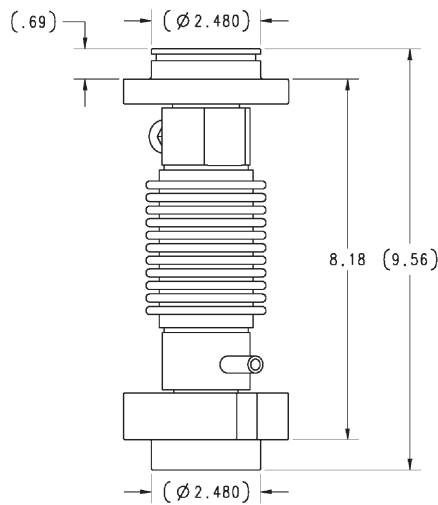
Applications

- Mettler Toledo® DigiTOL® truck scale conversion

Warranty

- One-year limited warranty

Load Cell Certifications:



RC1-250KN

Mettler Toledo® DigiTOL® Retrofit Kit

Stainless Steel, Rice Lake Weighing Systems/Flintec

RC3 Load Cells



Complete Kit Includes

- One JB8SP or two JB8SP signal trim junction boxes (8 and 10 mount kit)
- Three EL304 signal trim boxes in 12 mount kits
- 8, 10 or 12 Flintec® RC1-250 KN load cells with upper and lower load cups
- 8, 10 or 12 Flintec® RC3 load cells with upper and lower load cups
- 100 ft of hostile environment EL147HE SURVIVOR® load cell cable
- Cups included

Standard Features

- Stainless steel hermetically sealed load cells
- Converts existing Mettler Toledo DigiTOL scale to an analog based load cell weighing system
- 8, 10 or 12 load cells and cups plus junction box and home run cable
- Load cells are NTEP Certified 1:10,000 divisions, Class IIII*
- Rocker design load cells
- Load cups

*Consult your local Weights & Measures Authorities for local Legal for Trade requirements

Applications

- Mettler Toledo® DigiTOL® truck scale conversion

Warranty

- One-year limited warranty

Load Cell Certifications

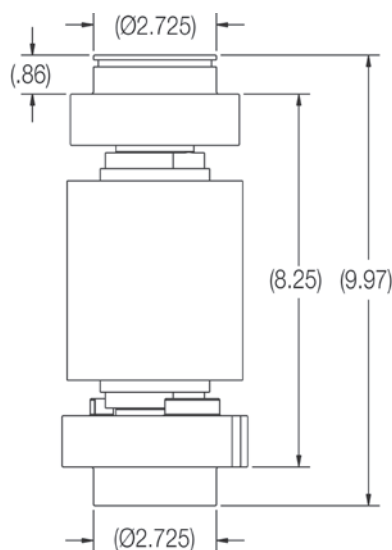


Shown here with the JB8SP signal trim junction box
Picture is a representation of actual product

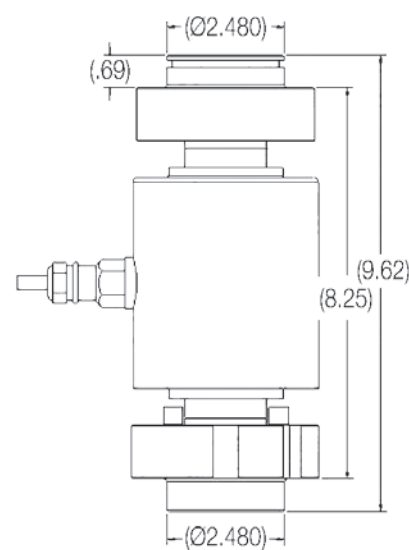
This kit is designed to provide a cost effective solution for replacing Mettler Toledo® DigiTOL® digital load cells with analog load cells. The Flintec® RC3 load cell is stainless steel and hermetically sealed to provide years of trouble-free service.

DigiTOL Retrofit Order information

Description	Part #	Price
8 mount kit (RC3-50T) RR/track 2 EL304 junction boxes	129844	\$12,715.00
8 mount (RC3-50T) truck 2 EL304 junction boxes	154347	\$12,715.00
10 mount kit (RC3-50T) RR/track 2 JB8SP junction boxes	111367	\$15,683.00
10 mount kit (RC3-50T) truck 3 EL304 junction boxes	154348	\$15,683.00
12 mount kit (RC3-50T) truck 3 EL304 junction boxes	154349	\$18,216.00

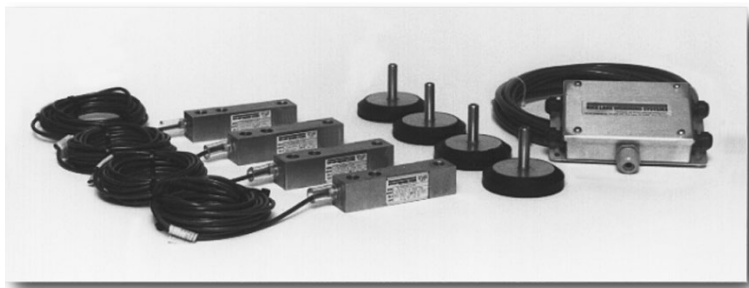


RC3-50t
RR TRACK



RC3-50t
TRUCK

Electronic Floor Scale Underdeck Kits



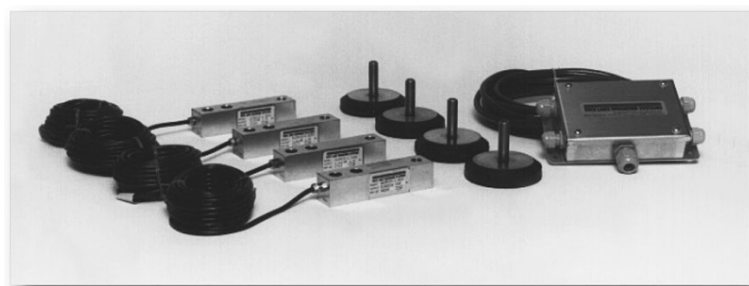
Economical Kit

Kit Includes

- (4) VPG® Celtron SQB alloy steel NTEP Certified 5,000 d, Class III load cells
- (1) JB4SS stainless steel NEMA Type 4X junction box
- (4) SureFoot® high-accuracy stainless steel support feet
- 20 ft EL147HE load cell cable
- (4) mounting plates and (8) load cell bolts

Order Information

Scale Base Capacity	Part #	Price
1,000 lb for 2,000 lb base	26436	\$980.00
2,500 lb for 5,000 lb base	26437	\$980.00
4,000 lb for 10,000 lb base	26438	\$980.00



Standard Precision Applications Kit

Kit Includes

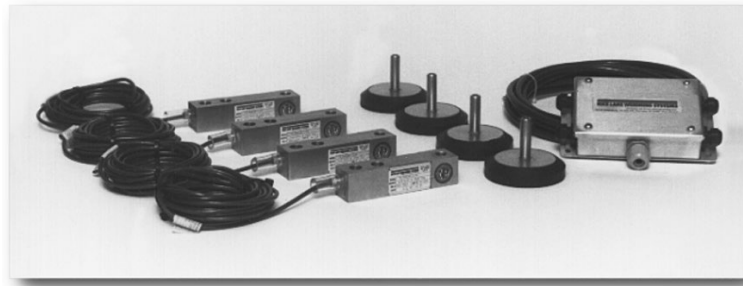
- (4) Rice Lake RL32018 alloy steel NTEP Certified 5,000 d, Class III load cells
- (1) JB4SS stainless steel NEMA Type 4X junction box
- (4) SureFoot high-accuracy stainless steel support feet
- 20 ft EL147HE load cell cable
- (4) mounting plates and (8) load cell bolts

NOTES: The use of NTEP Certified load cells in a scale base does not constitute approval of the completed base. Consult with local or state jurisdiction for compliance requirements.

Order Information

Scale Base Capacity	Part #	Price
1,000 lb for 2,000 lb base	19032	\$1,060.00
2,500 lb for 5,000 lb base	19033	\$1,060.00
4,000 lb for 10,000 lb base	19034	\$1,060.00

Electronic Floor Scale Underdeck Kits



Underdeck kits are provided to meet the application needs of the electronic floor scale producer and are an easy source for rebuilding existing floor scales. Underdeck kits are provided with mounting plates and load cell bolts for easy installation.

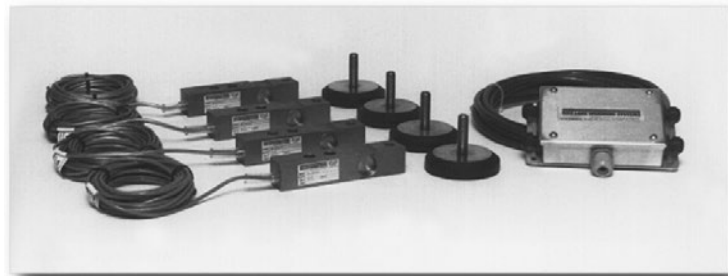
Chemical, Dry Corrosive & Non-Washdown Applications Kit

Kit Includes

- (4) VPG® Celtron SQB-HSS stainless steel NTEP Certified 5,000 d, Class III load cells
- (1) JB4SS stainless steel NEMA Type 4X junction box
- (4) SureFoot® high-accuracy stainless steel support feet
- 20 ft EL147HE load cell cable
- (4) mounting plates and (8) load cell bolts

Order Information

Scale Base Capacity	Part #	Price
1,000 lb for 2,000 lb base	19035	\$1,378.00
2,500 lb for 5,000 lb base	19036	\$1,378.00
4,000 lb for 10,000 lb base	19037	\$1,378.00



Wet Applications Kit

Kit Includes

- (4) Rice Lake RL32018S-HE welded-seal stainless steel NTEP Certified 5,000 d, Class III load cells
- (1) JB4SS stainless steel NEMA Type 4X junction box
- (4) SureFoot® high-accuracy stainless steel support feet
- 20 ft EL147HE load cell cable
- (4) mounting plates and (8) load cell bolts

Order Information

Scale Base Capacity	Part #	Price
1,000 lb for 2,000 lb base	19038	\$1,706.00
2,500 lb for 5,000 lb base	19039	\$1,706.00
4,000 lb for 10,000 lb base	19040	\$1,706.00

S-BEAM

RL20000I

Alloy Steel, Environmentally Sealed, NTEP Certified 1:5,000 III/1:10,000 IIII, IP67

LOAD CELLS / WEIGH MODULES



APPROVALS



Interchangeable Products

ARTECH®

20210 (1-14 UNF) (15,000 lb thread is 1-12 UNF for Rice Lake model)

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS
ITCM Isolated Tension Cell Mount.....—

Specifications

Full Scale Output:
3.0 mV/V

Output Resistance:
350 (± 3) ohm

Input Resistance:
385 (± 5) ohm

Material/Finish:
High-alloy steel, nickel plated

Temperature:
Compensated range
14° F to 104° F (-10° C to 40° C)
Operating range
0° F to 150° F (-18° C to 65° C)

Seal Type:
Environmentally sealed, IP67

Safe Overload:
150% full scale

Rated Excitation:
5-10 VDC (15 V maximum)

Combined Error:
0.02% full scale

Insulation Resistance:
5,000 megohms

Cable Length:
20 ft

Cable Diameter:
0.200 in polyurethane jacket

Cable Color Code:
Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:
Two-year limited warranty

Approvals:
NTEP
cFMus

Dimensions

Picture is a representation of actual product

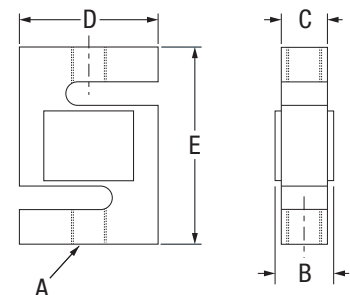
Rated Capacity lb/in	A	B	C	D	E
25-300	1/4-28 UNF	0.75	0.50	2.00	2.50
500-1,500	1/2-20 UNF	1.00	0.75	2.00	2.50
2,000-2,500	1/2-20 UNF	1.25	1.00	2.00	2.50
3,000	1/2-20 UNF	1.25	1.00	3.00	4.00
5,000-10,000	3/4-16 UNF	1.25	1.00	3.00	4.00
15,000	1-12 UNF	1.50	1.25	4.00	5.50
20,000	1 1/4-12 UNF	2.25	2.00	5.00	7.00

Order Information

Load Rating	Part #	Est. Weight	Price
25 lb	21428	2 lb	\$290.00
50 lb	21429	2 lb	\$290.00
75 lb	21430	2lb	\$290.00
100 lb	21431	2 lb	\$290.00
150 lb	21432	2 lb	\$290.00
200 lb	21433	2 lb	\$290.00
250 lb	21434	2 lb	\$290.00
300 lb	21435	2 lb	\$290.00
500 lb	21436	2 lb	\$290.00
750 lb	21437	2 lb	\$290.00
1,000 lb	21438	2 lb	\$290.00
1,500 lb	21439	2 lb	\$290.00
2,000 lb***	21356	2 lb	\$358.00
2,000 lb	21440	2 lb	\$290.00
2,500 lb	21441	2 lb	\$290.00
3,000 lb	21442	4 lb	\$334.00
5,000 lb***	17044	4 lb	\$505.00
5,000 lb	21443	4 lb	\$466.00
10,000 lb	21444	4 lb	\$466.00
15,000 lb	21445	7 lb	\$588.00
20,000 lb***	17045	17 lb	\$993.00
20,000 lb	21446	17 lb	\$927.00
Conduit Adapter Kit* (must be factory installed to maintain warranty)			
3/8-24 nipple	31533*	1lb	\$37.00
3/8-24 to 1/4-18 NPT	31534*	1lb	\$37.00
Replacement Agriculture Scale Load Cell - 40 ft Cable			
10,000 lb	151746	5 lb	\$493.00

*PN 31533 and PN 31534 must be installed together to form the Conduit Adapter Kit

***These load cells have 30ft or 35ft of cable and trimmed outputs and are used in many batch plants



www.ricelake.com | Phone: 800-472-6703

RICE LAKE

Stainless Steel, Environmentally Sealed, NTEP Certified 1:10,000 Class III L Single Cell, IP67

Interchangeable Products

VPG® REVERE

9363

ARTECH®

SS2010**Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS

ITCM Isolated Tension Cell Mount**Specifications****Full Scale Output:**

3.0 (± 0.008) mV/V

Output Resistance:

350 (± 3.5) ohm

Input Resistance:

390 (± 15) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated range

14°F to 104°F (-10°C to 40°C)

Operating range

0°F to 150°F (-18°C to 65°C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Combined Error:

0.03% full scale

Insulation Resistance:

5,000 megohms

Cable Length:

20 ft

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited warranty

Approvals:

cFMus

NTEP

APPROVALS**Dimensions**

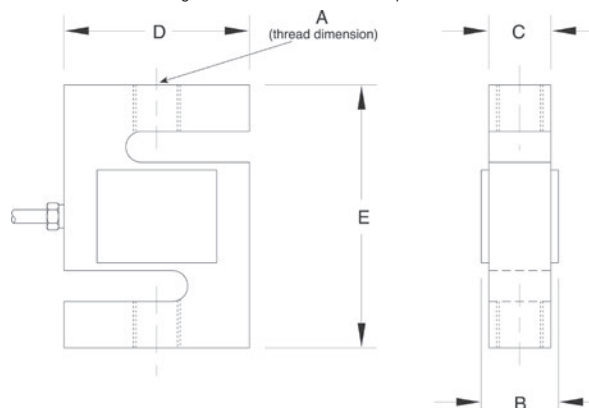
Picture is a representation of actual product

Rated Capacity lb/in	A	B	C	D	E
50-300	1/4-28 UNF	0.65	0.46	2.00	2.40
500-1,000	1/2-20 UNF	0.90	0.71	2.00	2.40
2,500	1/2-20 UNF	1.15	0.96	2.00	2.40
3,000	1/2-20 UNF	1.15	0.96	3.00	3.90
5,000	3/4-16 UNF	1.15	0.96	3.00	3.90
10,000	3/4-16 UNF	1.40	1.21	3.00	3.90
15,000	1-14 UNS	1.63	1.46	3.44	5.50
20,000	1 1/4-12 UNF	1.88	1.68	4.44	7.00

Order Information

Load Rating	Part #	Est. Weight	Price
NTEP Certified			
100 lb	46511	2 lb	\$312.00
250 lb	46503	2 lb	\$312.00
300 lb	181826	2 lb	\$312.00
500 lb	46504	2 lb	\$312.00
750 lb	46505	2 lb	\$312.00
1,000 lb	46506	2 lb	\$312.00
2,500 lb	46507	2 lb	\$312.00
3,000 lb	46508	4 lb	\$345.00
5,000 lb	46509	4 lb	\$503.00
10,000 lb	46510	4 lb	\$525.00
Non-NTEP Certified			
50 lb	17013	2 lb	\$312.00
15,000 lb	158375	7 lb	\$715.00
20,000 lb	158376	13 lb	\$948.00
Conduit Adapter Kit* (must be factory installed to maintain warranty)			
3/8-24 nipple	31533*	1 lb	\$37.00
3/8-24 to 1/4-18 NPT	31534*	1 lb	\$37.00

* PN 31533 and PN 31534 must be installed together to form the Conduit Adapter Kit



S-BEAM

RL20000ST

Stainless Steel, Environmentally Sealed, NTEP Certified 1:10,000 Class III Single Cell, IP67



APPROVALS



Specifications

- Full Scale Output:**
3.0 mV/V
- Output Resistance:**
350 (±3.5) ohm
- Input Resistance:**
430 (± 60) ohm
- Material/Finish:**
Stainless steel
- Temperature:**
Compensated range
14° F to 104° F (-10° C to 40° C)
Operating range
0° F to 150° F (-18° C to 65° C)
- Seal Type:**
Environmentally sealed, IP67

Dimensions

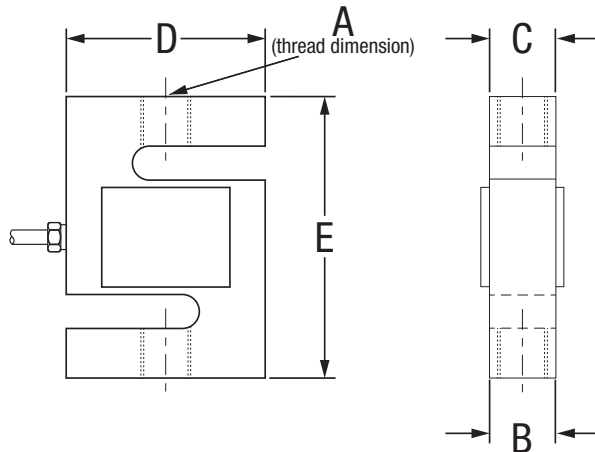
Picture is a representation of actual product

Rated Capacity	A	B	C	D	E
50-300	1/4-28 UNF	0.65	0.46	2.00	2.40
500-1,000	1/2-20 UNF	0.90	0.71	2.00	2.40
1,500-2,500	1/2-20 UNF	1.15	0.96	2.00	2.40
3,000	1/2-20 UNF	1.15	0.96	3.00	3.90
5,000	3/4-16 UNF	1.15	0.96	3.00	3.90

Order Information

Load Rating	Part #	Est. Weight	Price
50 lb	72741	2 lb	\$334.00
100 lb	72742	2 lb	\$334.00
200 lb	72743	2 lb	\$334.00
250 lb	72744	2 lb	\$334.00
300 lb	72745	2 lb	\$334.00
500 lb	72746	2 lb	\$334.00
750 lb	72747	2 lb	\$334.00
1,000 lb	72748	2 lb	\$334.00
1,500 lb	72749	2 lb	\$334.00
2,000 lb	72750	2 lb	\$334.00
2,500 lb	72751	2 lb	\$334.00
3,000 lb	72752	4 lb	\$440.00
5,000 lb	72753	4 lb	\$545.00
Conduit Adapter Kit* (must be factory installed to maintain warranty)			
3/8-24 nipple	31533*	1 lb	\$37.00
3/8-24 to 1/4-18 NPT	31534*	1 lb	\$37.00

*PN 31533 and PN 31534 must be installed together to form the Conduit Adapter Kit.



Safe Overload:

150% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Combined Error:

0.03% full scale

Insulation Resistance:

5,000 megohms

Cable Length:

20 ft

Cable Diameter:

0.190 in polyurethane jacket

Cable Color Code:

Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:

Two-year limited warranty

Approvals:

cFMus
NTEP

Alloy Steel, Environmentally Sealed, NTEP Certified Single Cell 1:5,000 III/1:10,000 IIIIL, IP67

Interchangeable Products

VPG® CELTRON

STC.....—

VPG® SENSORTRONICS®

60001.....—**Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS

ITCM**Isolated Tension Cell****Mount**.....—**APPROVALS**

Picture is a representation of actual product

Specifications**Full Scale Output:**

3.0 mV/V

Output Resistance:

350 (± 3) ohm

Input Resistance:

385 (± 5) ohm

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Compensated range

14° F to 104° F (-10° C to 40° C)

Operating range

0° F to 150° F (-18° C to 65° C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5-10 VAC/DC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohms

Cable Length:

20 ft

Cable Diameter:

0.200 in polyurethane jacket

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited warranty

Approvals:

cFMus

NTEP

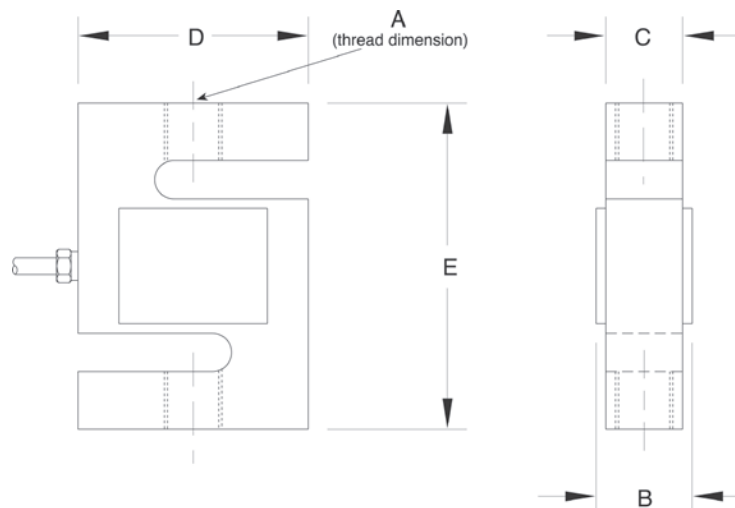
Dimensions

Rated Capacity lb/in	A	B	C	D	E
250	3/8-24 UNF	0.75	0.50	2.00	3.00
500-2,000	1/2-20 UNF	1.00	0.75	2.00	3.00
2,500-3,000	1/2-20 UNF	1.25	1.00	2.00	3.00
5,000	3/4-16 UNF	1.25	1.00	3.00	4.25
10,000	3/4-16 UNF	1.25	1.00	3.50	4.75
15,000	1-14 UNS	1.50	1.25	4.00	5.50
20,000	1 1/4-12 UNF	2.25	2.00	5.00	7.00

Order Information

Load Rating	Part #	Est. Weight	Price
250 lb	21402	2 lb	\$290.00
500 lb	21403	2 lb	\$290.00
750 lb	21404	2 lb	\$290.00
1,000 lb	21405	2 lb	\$290.00
1,500 lb	21406	2 lb	\$290.00
2,000 lb	21407	3 lb	\$290.00
2,500 lb	21408	4 lb	\$290.00
3,000 lb	21409	3 lb	\$334.00
5,000 lb	21410	4 lb	\$466.00
10,000 lb	21411	5 lb	\$466.00
15,000 lb	21412	7 lb	\$588.00
20,000 lb	21413	16 lb	\$927.00
Conduit Adapter Kit* (must be factory installed to maintain warranty)			
3/8-24 nipple	31533*	1 lb	\$37.00
3/8-24 to 1/4-18 NPT	31534*	1 lb	\$37.00

*PN 31533 and PN 31534 must be installed together to form the Conduit Adapter Kit



S-BEAM

RL20001HE

Stainless Steel, Welded Seal, NTEP Certified 1:5,000 Class III/1:10,000 Class IIIIL Single Cell, IP68



APPROVALS



Interchangeable Products

VPG® SENSORTRONICS®
60063 —

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS
ITCM HE Isolated Tension Cell Mount..... —

Specifications

Full Scale Output:
2.0 mV/V

Bridge Resistance:
350 ohm, nominal

Material/Finish:
Stainless steel

Temperature:
Compensated range
14°F to 104°F (-10°C to 40°C)
Operating range
0°F to 150°F (-18°C to 65°C)

Seal Type:
Welded-seal, IP68

Safe Overload:
150% full scale

Rated Excitation:
5-10 VDC (15 V maximum)

Combined Error:
0.02% full scale

Insulation Resistance:
5,000 megohms

Cable Length:
20 ft

Cable Diameter:
0.200 in polyurethane jacket

Cable Color Code:
Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:
Two-year limited warranty

Approvals:
cFMus
NTEP

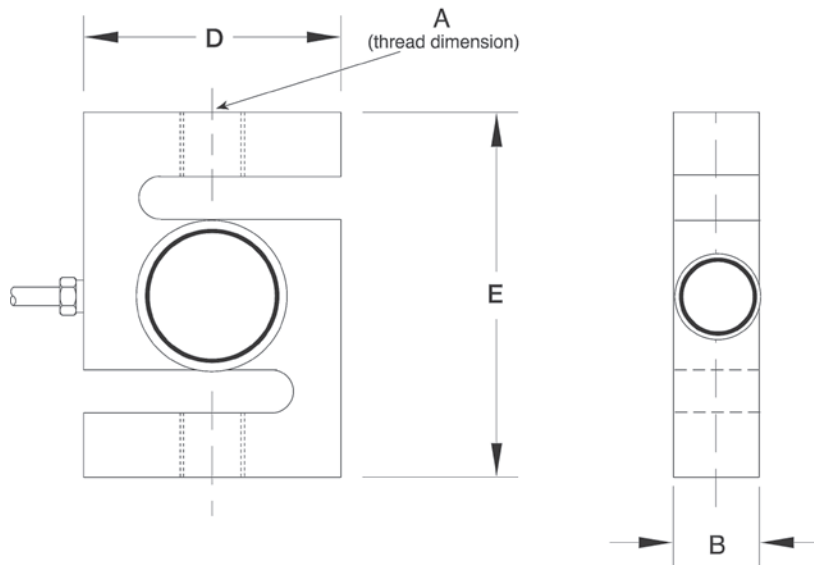
Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	D	E
500-3,000	1/2-20 UNF	1.00	2.00	3.00
5,000-10,000	3/4-16 UNF	1.00	3.50	4.75

Order Information

Load Rating	Part #	Est. Weight	Price
NTEP Certified			
500 lb	46469	2 lb	\$900.00
750 lb	46470	2 lb	\$900.00
1,000 lb	46471	2 lb	\$900.00
1,500 lb	46472	2 lb	\$900.00
2,000 lb	46473	2 lb	\$900.00
2,500 lb	46474	2 lb	\$900.00
3,000 lb	46475	2 lb	\$900.00
5,000 lb	46476	5 lb	\$1,205.00
Non-NTEP Certified			
10,000 lb	36292	5 lb	\$1,205.00



Specifications

Full Scale Output:
3.0 mV/V ±0.25%

Bridge Resistance:
350 ohm, nominal

Material/Finish:
Alloy steel

Temperature:
Operating range
0°F to 150°F (-18°C to 65°C)

Seal Type:
Environmentally sealed, IP67

Safe Overload:
150% full scale

Rated Excitation:
5-10 VAC/DC (15V maximum)

Combined Error:
0.02% full scale

Insulation Resistance:
5,000 megohms

Cable Length:
6 m

Cable Diameter:
0.200 in polyurethane jacket

Cable Color Code:
Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:
Two-year limited warranty

Approvals:
cFMus
OIML

APPROVALS



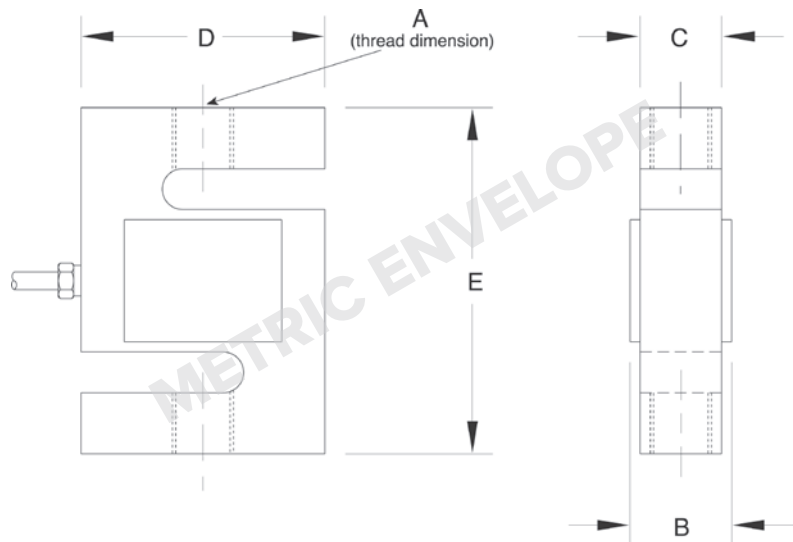
Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E
kg/mm					
250-1,000	M12 × 1.75-6H	25.4	19.1	50.8	76.0
2,500	M20 × 1.5-6H	31.8	25.4	76.2	108.0

Order Information

Load Rating	Part #	Est. Weight	Price
250 kg	31254	2 lb	\$312.00
500 kg	31255	2 lb	\$312.00
1,000 kg	31256	2 lb	\$312.00
2,500 kg	31257	3 lb	\$487.00



SINGLE-ENDED BEAM RL32018

Alloy Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, IP66



APPROVALS



Interchangeable Products

VPG® SENSORTRONICS®
65023A..... —
 VPG® CELTRON
SQB..... —

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS
RL50210TA..... —
 RICE LAKE WEIGHING SYSTEMS
RL1800 Series..... —

Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	I	J	K	L	M	N
lb/in														
250-500	1.00	0.59	0.96	2.20	1.24	5.12	0.53	0.70	1/2-20 UNF	3.00	1.00	0.62	0.25	0.13
1,000-5,000 SE	1.24	0.59	0.96	2.20	1.24	5.12	0.53	0.70	1/2-20 UNF	3.00	1.00	0.62	0.25	0.13
5,000 LE-10,000	1.50	-	1.45	2.99	1.50	6.75	0.80	0.70	3/4-16 UNF	3.75	1.50	0.75	-	-
15,000-20,000	2.00	-	-	4.00	2.00	8.75	1.06	-	1-14 UNS	4.90	2.00	1.00	-	-

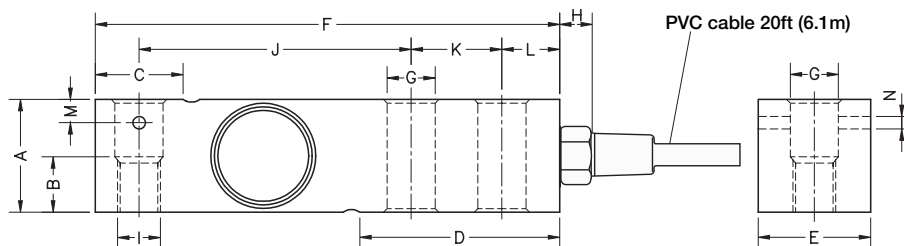
Call Rice Lake for additional information

Order Information

Load Rating	Part #	Est. Weight	Price
NTEP Certified			
1,000 lb	189152	2 lb	\$312.00
1,500 lb	191732	2 lb	\$312.00
2,000 lb	189153	2 lb	\$312.00
2,500 lb	189154	2 lb	\$312.00
3,000 lb	189155	5 lb	\$312.00
4,000 lb	189156	5 lb	\$312.00
5,000 lb SE	189157	5 lb	\$312.00
5,000 lb LE	189158	5 lb	\$398.00
10,000 lb	189159	5 lb	\$398.00
Non-NTEP Certified			
250 lb	189150	2 lb	\$312.00
500 lb*	189151	2 lb	\$312.00
15,000 lb*	189160	10 lb	\$683.00
20,000 lb*	189161	10 lb	\$683.00
With Over Braid Cable			
20,000 lb*	197558	10 lb	\$768.00

SE=small envelope; LE=large envelope

* Pending NTEP



Specifications

Full Scale Output:
 3.0 mV/V ±0.05% current matched

Output Resistance:
 350 (± 3) ohm

Input Resistance:
 400 (± 20) ohm

Material/Finish:
 Alloy steel, nickel plated

Temperature:
 Compensated range
 -14° F to 104° F (-10° C to 40° C)
 Operating range
 0° F to 150° F (-18° C to 65° C)

Seal Type:
 Environmentally sealed, IP66

Safe Overload:
 150% full scale

Safe Sideload:
 100% full scale

Rated Excitation:
 10 VDC (15 V maximum)

Combined Error:
 0.017% full scale

Insulation Resistance:
 >5,000 megohms

Deflection:
 0.2-0.4 mm

Cable Length:
 20 ft

Cable Color Code:
 Red +Excitation
 Black -Excitation
 Green +Signal
 White -Signal

Warranty:
 Two-year limited warranty

Approvals:
 cFMus
 NTEP

NEW

SINGLE-ENDED BEAM

RL32018 Painted

Alloy Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, IP66

Interchangeable Products

VPG® SENSORTRONICS®

65023A.....—

VPG® CELTRON

SQB.....—

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL50210TA.....—

RICE LAKE WEIGHING SYSTEMS

RL1800 Series.....—

APPROVALS



Specifications

Full Scale Output:

3.0 mV/V ±0.05% current matched

Output Resistance:

350 (± 3) ohm

Input Resistance:

400 (± 20) ohm

Material/Finish:

Alloy steel, nickel plated, painted

Temperature:

Compensated range

-14° F to 104° F (-10° C to 40° C)

Operating range

0° F to 150° F (-18° C to 65° C)

Seal Type:

Environmentally sealed, IP66

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

10 VDC (15 V maximum)

Combined Error:

0.017% full scale

Insulation Resistance:

>5,000 megohms

Deflection:

0.2-0.4 mm

Cable Length:

20 ft

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited warranty

Approvals:

cFMus

NTEP

Dimensions

Picture is a representation of actual product

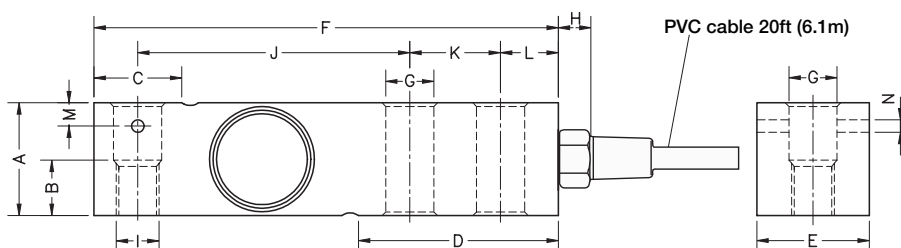
Rated Capacity	A	B	C	D	E	F	G	H	I	J	K	L	M	N
lb/in														
1,000-5,000 SE	1.24	0.59	0.96	2.20	1.24	5.12	0.53	0.70	1/2-20 UNF	3.00	1.00	0.62	0.25	0.13
5,000 LE-10,000	1.50	-	1.45	2.99	1.50	6.75	0.80	0.70	3/4-16 UNF	3.75	1.50	0.75	-	-
15,000-20,000	2.00	-	-	4.00	2.00	8.75	1.06	-	1-14 UNS	4.90	2.00	1.00	-	-

Call Rice Lake for additional information

Order Information

Load Rating	Part #	Est. Weight	Price
NTEP Certified			
1,000 lb	207842	2 lb	\$344.00
1,500 lb	207843	2 lb	\$344.00
2,000 lb	207844	2 lb	\$344.00
2,500 lb	207845	2 lb	\$344.00
3,000 lb	207846	5 lb	\$344.00
4,000 lb	207847	5 lb	\$344.00
5,000 lb SE	207848	5 lb	\$344.00
5,000 lb LE	207850	5 lb	\$434.00
10,000 lb	207851	5 lb	\$434.00
Non-NTEP Certified			
15,000 lb	207852	10 lb	\$715.00
20,000 lb	207853	10 lb	\$715.00

SE=small envelope; LE=large envelope



LOAD CELLS / WEIGH MODULES

www.ricelake.com | Phone: 800-472-6703

RICE LAKE

681

SINGLE-ENDED BEAM RL32018S

Stainless Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, IP66



APPROVALS



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS	RL35023S	—
VPG® SENSORTRONICS®	65023S	—
VPG® SENSORTRONICS®	65023SS	—
VPG® CELTRON	SQB-HSS	—

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS	RL50210TA	—
RICE LAKE WEIGHING SYSTEMS	RL1800 Series	—

Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	I	J	K	L	M	N
lb/in														
250-500	1.00	0.59	0.96	2.20	1.24	5.12	0.53	0.70	1/2-20 UNF	3.00	1.00	0.62	0.25	0.13
1,000-5,000 SE	1.24	0.59	0.96	2.20	1.24	5.12	0.53	0.70	1/2-20 UNF	3.00	1.00	0.62	0.25	0.13
5,000 LE-10,000	1.50	-	1.45	2.99	1.50	6.75	0.80	0.70	3/4-16 UNF	3.75	1.50	0.75	-	-
15,000-20,000	2.00	-	-	4.00	2.00	8.75	1.06	-	1-14 UNS	4.90	2.00	1.00	-	-

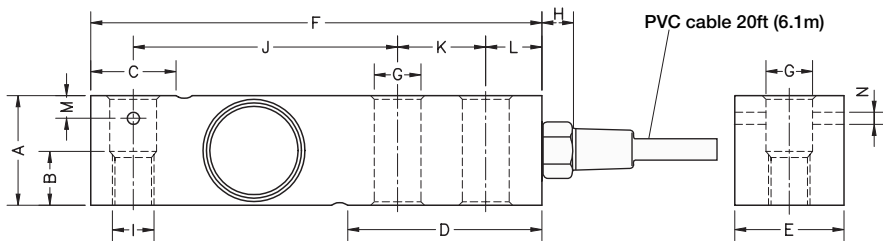
Call Rice Lake for additional information

Order Information

Load Rating	Part #	Est. Weight	Price
NTEP Certified			
1,000 lb	189164	3 lb	\$344.00
2,000 lb	189165	3 lb	\$344.00
2,500 lb	189166	3 lb	\$344.00
4,000 lb	189167	3 lb	\$344.00
5,000 lb SE	189168	3 lb	\$344.00
5,000 lb LE	189169	5 lb	\$440.00
10,000 lb	189170	5 lb	\$440.00
Non-NTEP Certified			
250 lb	189162	3 lb	\$344.00
500 lb*	189163	3 lb	\$344.00
15,000 lb*	189171	10 lb	\$736.00
20,000 lb*	189172	10 lb	\$736.00

SE=small envelope; LE=large envelope

*Pending NTEP



Specifications

Full Scale Output:
3.0 mV/V ±0.05% current matched

Output Resistance:
350 (± 3) ohm

Input Resistance:
400 (± 20) ohm

Material/Finish:
Stainless steel

Temperature:
Compensated range:
14° F to 104° F (-10° C to 40° C)
Operating range:
0° F to 150° F (-18° C to 65° C)

Seal Type:
Environmentally sealed, IP66

Safe Overload:
150% full scale

Rated Excitation:
10 VDC (15 V maximum)

Combined Error:
0.017% full scale

Insulation Resistance:
>5,000 megohms

Deflection:
0.2-0.4 mm

Cable Length:
20 ft

Cable Color Code:
Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:
Two-year limited warranty

Approvals:
cFMus
NTEP

SINGLE-ENDED BEAM
RL32018S-P

Stainless Steel, Hermetically Sealed, IP69K

Interchangeable Products

- RICE LAKE WEIGHING SYSTEMS
RL32018S-HE.....—
 VPG® SENSORTRONICS®
65083.....—
 VPG® CELTRON
SQB-HSS.....—

Weigh Module Available

- RICE LAKE WEIGHING SYSTEMS
RL1800 Series.....—



APPROVALS



Specifications

- Full Scale Output:**
 3.0 mV/V ±0.05% current matched
- Output Resistance:**
 350 (± 3) ohm
- Input Resistance:**
 400 (± 20) ohm
- Material/Finish:**
 Stainless steel

- Temperature:**
 Compensated range:
 -14° F to 104° F (-10° C to 40° C)
 Operating range:
 0° F to 150° F (-18° C to 65° C)

- Seal Type:**
 Hermetically sealed, IP69K

- Safe Overload:**
 150% full scale

- Safe Sideload:**
 100% full scale

- Rated Excitation:**
 10 VDC (15 V maximum)

- Combined Error:**
 0.017% full scale

- Insulation Resistance:**
 >5,000 megohms

- Deflection:**
 0.2-0.4 mm

- Cable Length:**
 20 ft PTFE cable

- Cable Color Code:**
 Red +Excitation
 Black -Excitation
 Green +Signal
 White -Signal

- Warranty:**
 Two-year limited warranty

- Approvals:**
 cFMus

Dimensions

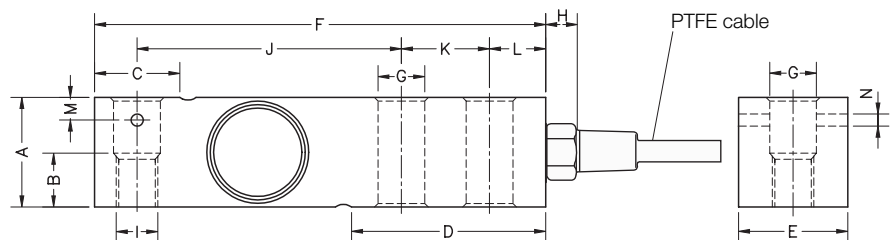
Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	I	J	K	L	M	N
lb/in														
1,000-5,000 SE	1.24	0.59	0.96	2.20	1.25	5.12	0.53	0.70	1/2-20 UNF	3.00	1.00	0.62	0.25	0.13
5,000 LE-10,000	1.50	-	1.45	2.99	1.50	6.75	0.80	0.70	3/4-16 UNF	3.75	1.50	0.75	-	-

Order Information

Load Rating	Part #	Est. Weight	Price
1,000 lb	190654	3 lb	\$371.00
2,000 lb	190655	3 lb	\$371.00
2,500 lb	190656	3 lb	\$371.00
4,000 lb	190657	3 lb	\$371.00
5,000 lb SE	190658	3 lb	\$371.00
5,000 lb LE	190659	5 lb	\$418.00
10,000 lb	190660	5 lb	\$418.00

SE=small envelope; LE=large envelope



LOAD CELLS / WEIGH MODULES

www.ricelake.com | Phone: 800-472-6703

RICE LAKE

RL32018S-HE

Stainless Steel, Hermetically Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, IP69K



APPROVALS



Interchangeable Products

- RICE LAKE WEIGHING SYSTEMS
- RL32018S-P (non-NTEP)..... —
- VPG® SENSORTRONICS®
- 65083..... —
- VPG® CELTRON
- SQB-HSS..... —

Weigh Module Available

- RICE LAKE WEIGHING SYSTEMS
- RL1800 Series..... —

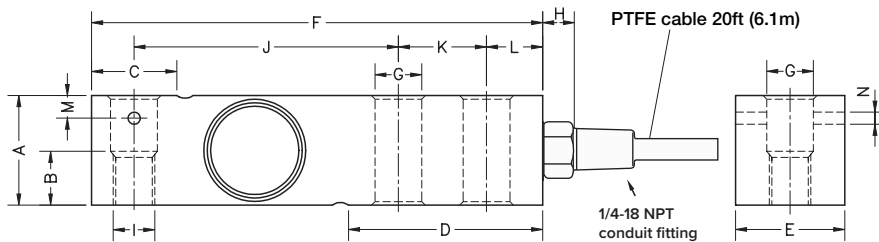
Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1,000-4,000 lb/in	1.24	0.59	0.96	2.20	1.24	5.12	0.53	0.70	1/2-20 UNF	3.00	1.00	0.62	0.25	0.13
5,000-10,000	1.50	0.75	1.45	2.99	1.50	6.75	0.80	0.70	3/4-16 UNF	3.75	1.50	0.75	-	-

Order Information

Load Rating	Part #	Est. Weight	Price
1,000 lb	189176	3 lb	\$429.00
2,000 lb	189178	3 lb	\$429.00
2,500 lb	189179	3 lb	\$429.00
4,000 lb	189181	3 lb	\$429.00
4,000 lb	208667	3 lb	\$429.00
5,000 lb	189182	5 lb	\$477.00
10,000 lb	189183	5 lb	\$477.00



Specifications

Full Scale Output:
3.0 mV/V ±0.05% current matched

Output Resistance:
350 (± 3) ohm

Input Resistance:
400 (± 20) ohm

Material/Finish:
Stainless steel

Temperature:
Compensated range
14° F to 104° F (-10° C to 40° C)
Operating range
0° F to 200° F (-18° C to 93° C)

Seal Type:
Hermetically sealed, IP69K

Safe Overload:
150% full scale

Safe Sideload:
100% full scale

Rated Excitation:
5-10 VDC (15 V maximum)

Combined Error:
0.017% full scale

Insulation Resistance:
>5,000 megohms

Cable Length:
20 ft PTFE cable

Cable Color Code:
Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:
Two-year limited warranty

Approvals:
cFMus
NTEP

SINGLE-ENDED BEAM
RL32019S-HE

Stainless Steel, Hermetically Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, IP69K

Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL35082..... —

VPG® SENSORTRONICS®

65083S (20 ft cable) —



APPROVALS



Specifications

Full Scale Output:
 2.0 mV/V ±0.05% current matched

Output Resistance:
 350 (± 3) ohm

Input Resistance:
 400 (± 20) ohm

Material/Finish:
 Stainless steel

Temperature:
 Compensated range
 14° F to 104° F (-10° C to 40° C)
 Operating range
 0° F to 200° F (-18° C to 93° C)

Seal Type:
 Hermetically sealed, IP69K

Safe Overload:
 150% full scale

Rated Excitation:
 5-10 VDC (15 V maximum)

Combined Error:
 0.017% full scale

Insulation Resistance:
 >5,000 megohms

Deflection:
 0.2-0.4 mm

Cable Length:
 30 ft PTFE cable

Cable Color Code:
 Red +Excitation
 Black -Excitation
 Green +Signal
 White -Signal

Warranty:
 Two-year limited warranty

Approvals:
 cFMus
 NTEP

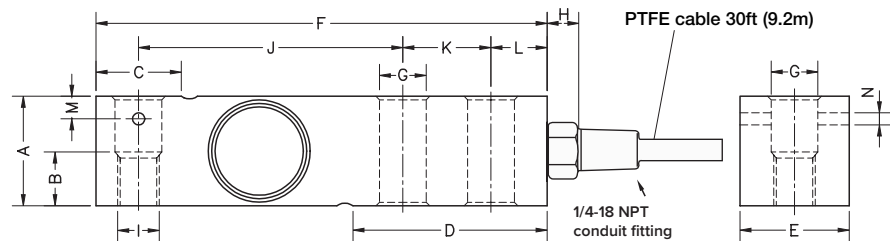
Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	I	J	K	L	M	N
lb/in														
1,000-4,000	1.24	0.59	0.96	2.20	1.24	5.12	0.53	0.70	1/2-20 UNF	3.00	1.00	0.62	0.25	0.13
5,000-10,000	1.50	0.75	1.45	2.99	1.50	6.75	0.80	0.70	3/4-16 UNF	3.75	1.50	0.75	-	-

Order Information

Load Rating	Part #	Est. Weight	Price
1,000 lb	191629	4 lb	\$482.00
2,500 lb	191630	4 lb	\$482.00
4,000 lb	191631	4 lb	\$482.00
4,000 lb	208668	4 lb	\$482.00
5,000 lb	191632	6 lb	\$535.00
10,000 lb	191633	6 lb	\$535.00



LOAD CELLS / WEIGH MODULES

www.ricelake.com | Phone: 800-472-6703

RICE LAKE

SINGLE-ENDED BEAM

RL32218S-HE

Stainless Steel, Hermetically Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, IP69K

LOAD CELLS / WEIGH MODULES



APPROVALS



Interchangeable Products

- RICE LAKE WEIGHING SYSTEMS
RL35082..... —
- VPG® SENSORTRONICS®
65083S..... —

Weigh Module Available

- RICE LAKE WEIGHING SYSTEMS
RL50210TA..... —
- RICE LAKE WEIGHING SYSTEMS
RL1800 Series..... —

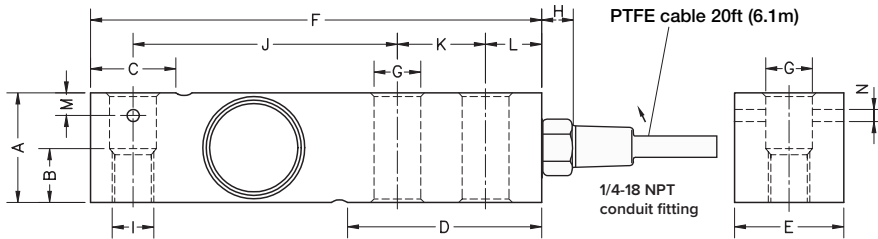
Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1,000-4,000 lb/in	1.24	0.59	0.96	2.20	1.24	5.12	0.53	0.70	1/2-20 UNF	3.00	1.00	0.62	0.25	0.13
5,000-10,000	1.50	0.75	1.45	2.99	1.50	6.75	0.80	0.70	3/4-16 UNF	3.75	1.50	0.75	-	-

Order Information

Load Rating	Part #	Est. Weight	Price
1,000 lb	191634	3 lb	\$429.00
2,500 lb	191635	3 lb	\$429.00
4,000 lb	191636	3 lb	\$429.00
4,000 lb	208669	3 lb	\$429.00
5,000 lb	191637	5 lb	\$477.00
10,000 lb	191638	5 lb	\$477.00



Specifications

Full Scale Output:
2.0 mV/V ±0.05% current matched

Output Resistance:
350 (± 3) ohm

Input Resistance:
400 (± 20) ohm

Material/Finish:
Stainless steel

Temperature:
Compensated range:
14° F to 104° F (-10° C to 40° C)
Operating range:
0° F to 200° F (-18° C to 93°

Seal Type:
Hermetically sealed, IP69K

Safe Overload:
150% full scale

Rated Excitation:
5-10 VDC (15 V maximum)

Combined Error:
0.017% full scale

Insulation Resistance:
>5,000 megohms

Cable Length:
20 ft PTFE cable

Cable Color Code:
Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:
Two-year limited warranty

Approvals:
cFMus
NTEP

www.ricelake.com | Phone: 800-472-6703

RICE LAKE

Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RLHBB..... —

VPG® TEDEA®

355..... —

APPROVALS



Specifications

Full Scale Output:
 2.0 mV/V ±10% current matched

Output Resistance:
 350 (± 3) ohm

Input Resistance:
 400 (± 20) ohm

Material/Finish:
 Stainless steel

Temperature:
 Compensated range:
 14° F to 104° F (-10° C to 40° C)
 Operating range:
 0° F to 150° F (-18° C to 65° C)

Seal Type:
 Hermetically sealed, IP68/IP69K

Safe Overload:
 150% full scale

Rated Excitation:
 5-10 VDC (15 V maximum)

Combined Error:
 0.017% full scale

Insulation Resistance:
 >5,000 megohms

Deflection:
 0.2-0.4 mm

Cable Length:
 3 m

Cable Material:
 PVC

Cable Color Code:
 Blue +Excitation
 Black -Excitation
 White +Signal
 Red -Signal
 Green +Sense
 Yellow -Sense

Warranty:
 Two-year limited warranty

Approvals:
 cFMus
 NTEP
 OIML

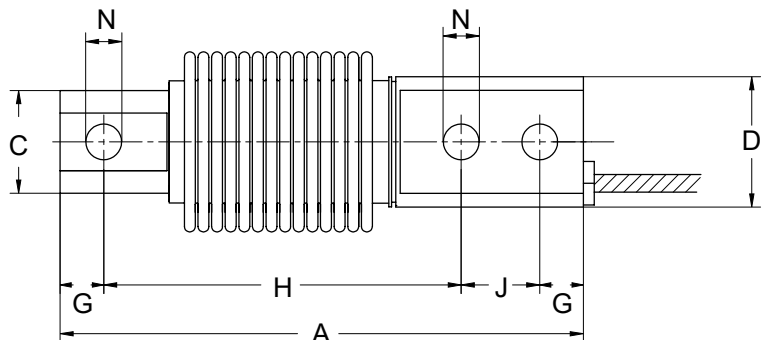
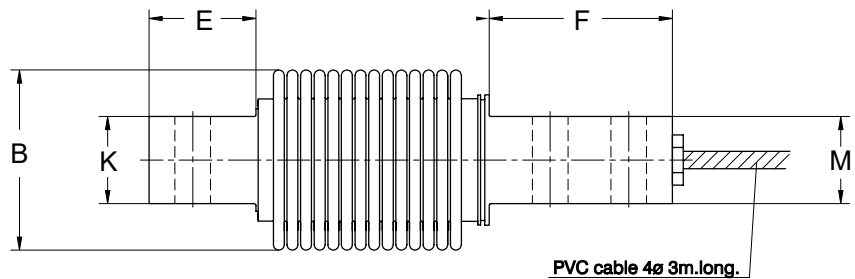
Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	J	K	M	N
kg/mm												
5-500	120.0	41.5	23.5	30.0	24.5	42.0	10.0	82.0	18.0	20.0	20.0	8.2

Order Information

Load Rating	Part #	Est. Weight	Price
NTEP Certified			
5 kg	188691	2 lb	\$524.00
10 kg	188692	2 lb	\$524.00
20 kg	188693	2 lb	\$524.00
30 kg	188694	2 lb	\$524.00
50 kg	188702	2 lb	\$524.00
75 kg	188695	2 lb	\$524.00
100 kg	188696	2 lb	\$524.00
200 kg	188697	2 lb	\$524.00
250 kg	188698	2 lb	\$524.00
300 kg	188699	2 lb	\$524.00
500 kg	188700	2 lb	\$524.00



SINGLE-ENDED BEAM RL30000I

Alloy Steel, Environmentally Sealed, NTEP Certified 1:5,000 IIL Class III Multiple Cell, IP67



APPROVALS



Interchangeable Products

VPG® REVERE	
5123	—
VPG® TEDEA-HUNTLEIGH	
3411	—
ARTECH®	
30310	—

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS	
RL50210TA	—
RICE LAKE WEIGHING SYSTEMS	
RL1800 Series	—

Dimensions

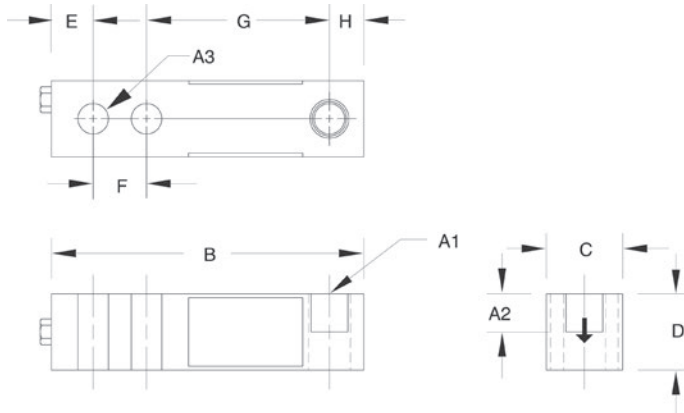
Picture is a representation of actual product

Rated Capacity	A1	A2	A3	B	C	D	E	F	G	H
lb/in										
250-5,000 SE	1/2-20 UNF	0.60	0.53	5.12	1.25	1.25	0.62	1.00	3.00	0.50
5,000 LE-10,000	3/4-16 UNF	0.75	0.78	6.75	1.50	1.50	0.75	1.50	3.75	0.75
20,000	1-14 UNF	1.00	1.03	8.75	2.00	2.00	1.00	2.00	4.75	1.00

Order Information

Load Rating	Part #	Est. Weight	Price
NTEP Certified			
1,000 lb	21491	3 lb	\$312.00
2,000 lb	21493	3 lb	\$312.00
2,500 lb	21495	3 lb	\$312.00
3,000 lb	21497	3 lb	\$312.00
4,000 lb	21498	3 lb	\$312.00
5,000 lb SE	21500	3 lb	\$312.00
5,000 lb LE	21501	5 lb	\$398.00
10,000 lb	21503	5 lb	\$398.00
Non-NTEP Certified			
250 lb	17341	3 lb	\$312.00
500 lb	17342	3 lb	\$312.00
20,000 lb	17109	10 lb	\$684.00
Conduit Adapter Kit (must be factory installed to maintain warranty)			
3/8-24 nipple	31533	1 lb	\$37.00
3/8-24 to 1/4-18 NPT	31534	1 lb	\$37.00

SE=small envelope; LE=large envelope



Specifications

- Full Scale Output:**
3.0 mV/V
- Bridge Resistance:**
350 ohm, nominal
- Material/Finish:**
High-alloy steel, nickel plated
- Temperature:**
Compensated range
14°F to 104°F (-10°C to 40°C)
Operating range
0°F to 150°F (-18°C to 65°C)
- Seal Type:**
Environmentally sealed, IP67
- Safe Overload:**
150% full scale
- Safe Sideload:**
100% full scale
- Rated Excitation:**
5-10 VAC/DC (15V maximum)
- Combined Error:**
0.02% full scale
- Insulation Resistance:**
5,000 megohms
- Deflection at Capacity:**
250-1,000 lb=0.013 in
2,000-3,000 lb=0.015 in
4,000-5,000 lb=0.025 in
10,000 lb=0.032 in
20,000 lb=0.038 in
- Cable Length:**
20 ft
- Cable Diameter:**
0.200 in polyurethane jacket
- Cable Color Code:**
Red +Excitation
Black -Excitation
Green +Signal
White -Signal
- Warranty:**
Two-year limited warranty
- Approvals:**
cFMus
NTEP

RL30002 Thru Hole

Alloy Steel, Environmentally Sealed, NTEP Certified 1:5,000 III L Class III Multiple Cell, IP67

Interchangeable Products

VPG® TEDEA-HUNTLEIGH

3410.....—

ARTECH®

30210.....—

Specifications

Full Scale Output:
3.0 mV/V**Bridge Resistance:**
350 ohm, nominal**Material/Finish:**
High-alloy steel, nickel plated**Temperature:**
Compensated range
14°F to 104°F (-10°C to 40°C)
Operating range
0°F to 150°F (-18°C to 65°C)**Seal Type:**
Environmentally sealed, IP67**Safe Overload:**
150% full scale**Safe Sideload:**
100% full scale**Rated Excitation:**
5-10 VDC (15 V maximum)**Combined Error:**
0.02% full scale**Insulation Resistance:**
5,000 megohms**Deflection at Capacity:**
1,000 lb=0.013 in
2,000-3,000 lb=0.015 in
4,000-5,000 lb=0.025 in**Cable Length:**
20 ft**Cable Diameter:**
0.200 in polyurethane jacket**Cable Color Code:**
Red +Excitation
Black -Excitation
Green +Signal
White -Signal**Warranty:**
Two-year limited warranty**Approvals:**
cFMus
NTEP

APPROVALS



Dimensions

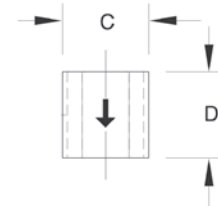
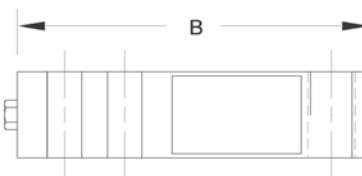
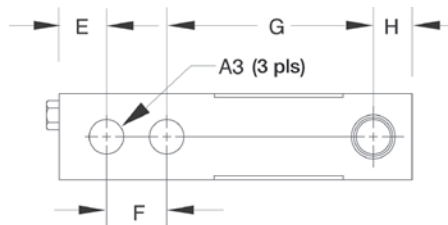
Picture is a representation of actual product

Rated Capacity	A3	B	C	D	E	F	G	H
lb/in								
1,000-5,000 SE	0.53	5.12	1.25	1.25	0.62	1.00	3.00	0.50

Order Information

Load Rating	Part #	Est. Weight	Price
NTEP Certified			
1,000 lb	21521	3 lb	\$312.00
2,000 lb	21522	3 lb	\$312.00
2,500 lb	21523	3 lb	\$312.00
4,000 lb	21524	3 lb	\$312.00
5,000 lb SE	21525	3 lb	\$312.00
Conduit Adapter Kit (must be factory installed to maintain warranty)			
3/8-24 nipple	31533	1 lb	\$37.00
3/8-24 to 1/4-18 NPT	31534	1 lb	\$37.00

SE=small envelope



SINGLE-ENDED BEAM RL39123

Stainless Steel, Environmentally Sealed, IP67



APPROVALS



Dimensions

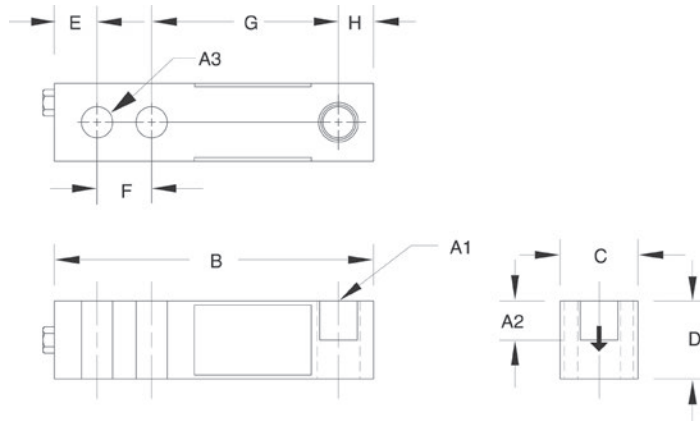
Picture is a representation of actual product

Rated Capacity	A1	A2	A3	B	C	D	E	F	G	H
250-4,000 lb/in	1/2-20 UNF	0.60	0.53	5.12	1.25	1.25	0.62	1.00	3.00	0.50
5,000-10,000	3/4-16 UNF	0.75	0.78	6.75	1.50	1.50	0.75	1.50	3.75	0.75

Order Information

Load Rating	Part #	Est. Weight	Price
20 ft Cables			
250 lb	17386	3 lb	\$344.00
500 lb	17387	3 lb	\$344.00
1,000 lb	17189	3 lb	\$344.00
2,500 lb	17191	3 lb	\$344.00
4,000 lb	17193	3 lb	\$344.00
5,000 lb	17194	5 lb	\$439.00
10,000 lb	17195	5 lb	\$439.00
30 ft Cables			
4,000 lb	95562	3 lb	\$365.00
Conduit Adapter Kit (must be factory installed to maintain warranty)			
3/8-24 nipple	31533*	1 lb	\$37.00
3/8-24 to 1/4-18 NPT	31534*	1 lb	\$37.00

* PN 31533 and PN 31534 must be installed together to form the Conduit Adapter Kit



Interchangeable Products

VPG® REVERE

9123..... —

ARTECH®

SS30310..... —

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL50210TA..... —

RICE LAKE WEIGHING SYSTEMS

RL1800 Series..... —

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

349-355 ohm

Input Resistance:

343-357 ohm

Material/Finish:

Stainless steel

Temperature:

Operating range:
0° F to 150° F (-18° C to 65° C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Nonlinearity:

0.03% full scale

Hysteresis:

0.02% full scale

Insulation Resistance:

5,000 megohms

Deflection at Capacity:

250-1,000 lb=0.013 in
2,000-3,000 lb=0.015 in
4,000-5,000 lb=0.025 in
10,000 lb=0.32 in

Cable Length:

20 ft
30 ft

Cable Diameter:

0.200 in polyurethane jacket

Cable Color Code:

Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:

Two-year limited warranty

Approvals:

cFMus

SINGLE-ENDED BEAM
RL32018S-T

Stainless Steel, Hermetically Sealed, NTEP Certified, 1:5,000 Class III Multiple Cell, IP69K

Interchangeable Products

- METTLER-TOLEDO®
TB600529-500 lb.....—
- METTLER-TOLEDO
TB600363-1,250 lb.....—
- METTLER-TOLEDO
TB600342-2,500 lb.....—
- METTLER-TOLEDO
TB600343-5,000 lb.....—
- METTLER-TOLEDO
TB600364-10,000 lb.....—
- HBM®
THC.....—

Weigh Module Available

- RICE LAKE WEIGHING SYSTEMS
RLTM.....—

Specifications

Full Scale Output:
 2.0 mV/V ±0.05% current matched

Output Resistance:
 350 (± 3) ohm

Input Resistance:
 400 (± 20) ohm

Material/Finish:
 Stainless steel

Temperature:
 Compensated range
 14° F to 104° F (-10° C to 40° C)
 Operating range
 0° F to 150° F (-18° C to 65° C)

Seal Type:
 Hermetically sealed, IP69K

Safe Overload:
 150% full scale

Rated Excitation:
 5-10 VDC

Combined Error:
 0.017% full scale

Insulation Resistance:
 5,000 megohms

Cable Length:
 15 ft
 30 ft

Cable Color Code:
 Green +Excitation
 Black -Excitation
 White +Signal
 Red -Signal

Warranty:
 Two-year limited warranty

Approvals:
 cFMus
 NTEP

APPROVALS



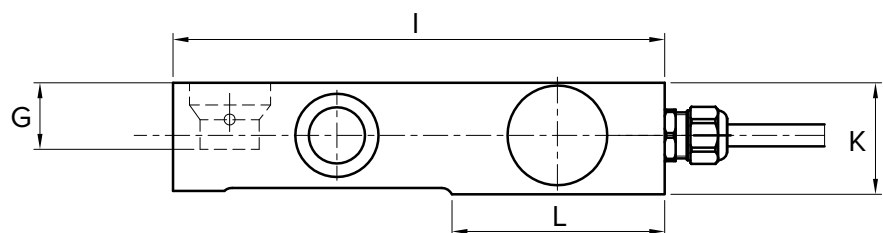
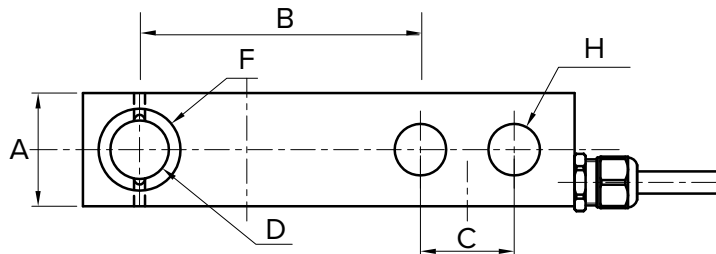
Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	F	G	H	I	K	L
lb/in										
500-1,250	1.21	3.00	1.00	0.62	0.88	0.68	0.51	5.25	1.19	2.27
2,500	1.21	3.00	1.00	0.62	0.88	0.68	0.51	5.25	1.19	2.27
5,000	1.44	3.00	1.00	0.62	0.88	0.90	0.51	5.38	1.44	2.28
10,000	1.69	3.75	1.50	0.88	1.38	1.15	0.76	6.75	1.69	2.91

Order Information

Load Rating	Part #	Est. Weight	Price
15 ft Cable			
500 lb	189189	3 lb	\$477.00
1,250 lb	189190	3 lb	\$477.00
2,500 lb	189191	3 lb	\$477.00
5,000 lb	189192	5 lb	\$630.00
10,000 lb	189193	5 lb	\$758.00
30 ft Cable			
500 lb	191974	3 lb	\$503.00
1,250 lb	191975	3 lb	\$503.00
2,500 lb	191976	3 lb	\$503.00
5,000 lb	191977	5 lb	\$662.00
10,000 lb	191978	5 lb	\$790.00
Replacement load pins			
Rocker pin	108612	1 lb	\$85.00
Rocker pin	130408	1 lb	\$90.00
Rocker pin	131376	1 lb	\$130.00
O-ring (two per pin)	108202	1 lb	\$1.00



LOAD CELLS / WEIGH MODULES

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RICE LAKE

SINGLE-ENDED BEAM

RL35023S Painted

Stainless Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, IP67

LOAD CELLS / WEIGH MODULES



APPROVALS



Interchangeable Products

VPG® SENSORTRONICS®	
65023S* —
VPG® SENSORTRONICS	
65023SS* —
VPG® CELTRON	
SQB-HSS* —

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS	
RL50210TA —
RICE LAKE WEIGHING SYSTEMS	
RL1800 Series —

*Cells are unpainted

Dimensions

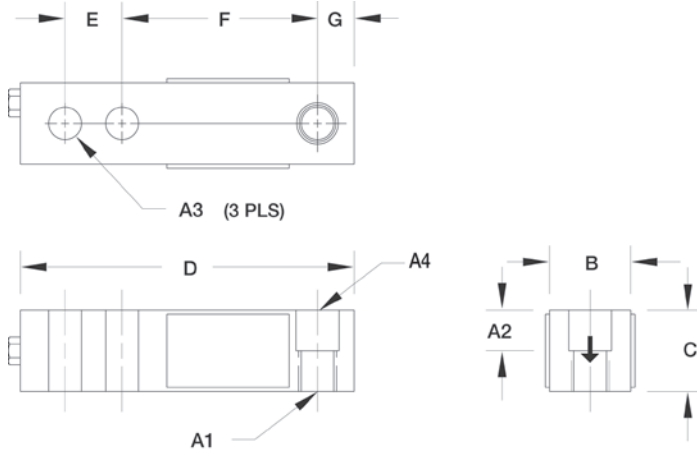
Picture is a representation of actual product

Rated Capacity	A1	A2	A3	A4	B	C	D	E	F	G
1,000-4,000	1/2-20 UNF	0.62	0.53	0.53 dia	1.25	1.25	5.12	1.00	3.00	0.50
5,000-10,000	3/4-16 UNF	0.75	0.78	0.78 dia	1.50	1.50	6.75	1.50	3.75	0.75

Order Information

Load Rating	Part #	Est. Weight	Price
1,000 lb	182754	3 lb	\$371.00
2,000 lb	182755	3 lb	\$371.00
2,500 lb	182756	3 lb	\$371.00
4,000 lb	182757	3 lb	\$371.00
5,000 lb	182758	3 lb	\$466.00
10,000 lb	182759	3 lb	\$466.00
Conduit Adapter Kit (must be factory installed to maintain warranty)			
3/8-24 nipple	31533*	1 lb	\$37.00
3/8-24 to 1/4-18 NPT	31534*	1 lb	\$37.00

* PN 31533 and PN 31534 must be installed together to form the Conduit Adapter Kit



Specifications

- Full Scale Output:**
3.0 mV/V
- Output Resistance:**
349-355 ohm
- Input Resistance:**
343-357 ohm
- Material/Finish:**
Stainless steel, painted
- Temperature:**
Compensated range
14°F to 104°F (-10°C to 40°C)
Operating range
0° F to 150° F (-18° C to 65° C)
- Seal Type:**
Environmentally sealed, IP67
- Safe Overload:**
150% full scale
- Safe Sideload:**
100% full scale
- Rated Excitation:**
5-10 VDC (15 V maximum)
- Combined Error:**
0.02% full scale
- Deflection at Capacity:**
500-4,000 lb=0.017-0.025 in
5,000-10,000 lb=0.025-0.035 in
- Cable Length:**
20 ft
- Cable Diameter:**
0.200 in polyurethane jacket
- Cable Color Code:**
Red +Excitation
Black -Excitation
Green +Signal
White -Signal
- Insulation Resistance:**
5,000 megohms
- Warranty:**
Two-year limited warranty
- Approvals:**
cFMus
NTEP

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RICE LAKE

Interchangeable Products

VPG® TEDEA-HUNTLEIGH

3510-OIML.....—**Weigh Module Available**

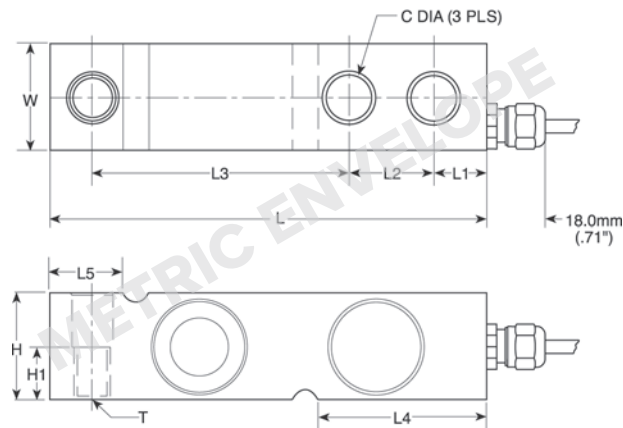
RICE LAKE WEIGHING SYSTEMS

1700 HE.....—**Specifications****Full Scale Output:**
2.0 mV/V**Output Resistance:**
350 (± 3) ohm**Input Resistance:**
380 (± 10) ohm**Material/Finish:**
Stainless steel**Temperature:**
Operating range
0°F to 150°F (-18°C to 65°C)**Seal Type:**
Hermetically sealed, IP66/68**Safe Overload:**
150% full scale**Safe Sideload:**
100% full scale**Rated Excitation:**
5-10 VDC (15 V maximum)**Combined Error:**
0.02% Applied Load**Insulation Resistance:**
2,000 megohms**Deflection at Capacity:**
0.4 mm**Cable Length:**
5 m**Cable Diameter:**
0.220 in polyurethane jacket**Cable Color Code:**
Blue +Excitation
Black -Excitation
White +Signal
Red - Signal
Green +Sense
Grey -Sense**Warranty:**
Two-year limited warranty**Approvals:**
cFMus
Waterproof**APPROVALS****Dimensions***Picture is a representation of actual product*

Rated Capacity	C	H	H1	L	L1	L2	L3	L4	L5	T	W
kg/mm											
500-2,000	13.5	32.0	16.0	130.0	15.8	25.4	76.2	50.5	23.5	M12 × 1.75	32.0
5,000	20.5	48.0	—	171.5	19.0	38.1	95.3	70.0	37.0	—	36.5

Order Information

Load Rating	Part #	Est. Weight	Price
500 kg	31253	3 lb	\$514.00
1,000 kg	31250	3 lb	\$514.00
2,000 kg	31251	3 lb	\$514.00
5,000 kg	31252	5 lb	\$588.00



SINGLE-ENDED BEAM

RLSSB

Stainless Steel, Welded Seal, NTEP Certified 1:5,000 Class III Multiple Cell, IP67

LOAD CELLS / WEIGH MODULES



APPROVALS



Interchangeable Products

VPG® REVERE	
SSB	—
HBM®	
SB3	—
ARTECH®	
SS30610	—

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS	
RL1900 Series	—

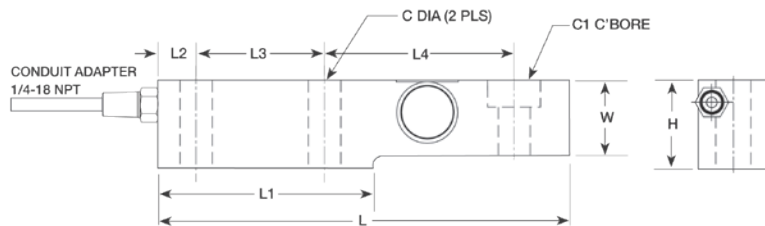
Dimensions

Picture is a representation of actual product

Rated Capacity	C	C1	H	L	L1	L2	L3	L4	W
lb/in									
1,000-5,000	0.53	0.68 thru C'Bore 1.19 × 0.47 DP	1.88	8.00	4.00	0.75	2.50	3.88	1.44
10,000	0.88	1.00 thru C'Bore 1.63 × 0.62 DP	2.75	9.25	4.62	0.81	2.63	4.88	1.88

Order Information

Load Rating	Part #	Est. Weight	Price
1,000 lb	34310	5 lb	\$636.00
2,000 lb	34311	5 lb	\$636.00
5,000 lb	34312	6 lb	\$636.00
10,000 lb	34313	10 lb	\$758.00
Options			
Load cell button	26112	—	\$37.00



Specifications

Full Scale Output:
2.0 mV/V

Bridge Resistance:
350 ohm, nominal

Material/Finish:
Stainless steel

Temperature:
Compensated range
14°F to 104°F (-10°C to 40°C)
Operating range
0°F to 150°F (-18°C to 65°C)

Seal Type:
Welded-seal, IP67

Safe Overload:
150% full scale

Safe Sideload:
100% full scale

Rated Excitation:
5-10 VDC (15 V maximum)

Combined Error:
0.02% full scale

Non-repeatability:
0.01% full scale

Insulation Resistance:
5,000 megohms

Cable Length:
15 ft

Cable Diameter:
0.200 in polyurethane jacket

Cable Color Code:
Green +Excitation
Black -Excitation
White +Signal
Red -Signal

Warranty:
Two-year limited warranty

Approvals:
cFMus
NTEP

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RICE LAKE

SINGLE-ENDED BEAM RLSB250/RLSB250T

Stainless Steel, Welded Seal, NTEP Certified 1:5,000 Class III Multiple Cell, IP67

Interchangeable Products

CARDINAL®

SB2500*

*No threads in load hole

Specifications

Full Scale Output:
2.0 mV/V

Bridge Resistance:
350 ohm, nominal

Material/Finish:
Stainless steel

Temperature:
Compensated range:
14°F to 104°F (-10°C to 40°C)
Operating range:
0°F to 150°F (-18°C to 65°C)

Seal Type:
Welded-seal, IP67

Safe Overload:
150% full scale

Safe Sideload:
100% full scale

Rated Excitation:
5-10 VDC (15 V maximum)

Combined Error:
0.02% full scale

Non-repeatability:
0.01% full scale

Insulation Resistance:
5,000 megohms

Cable Length:
20 ft
15 ft - pn 34482

Cable Diameter:
0.200 in polyurethane jacket

Cable Color Code:
Green +Excitation
Black -Excitation
White +Signal
Red -Signal

Warranty:
Two-year limited warranty

Approvals:
cFMus
NTEP

APPROVALS



PN 116084

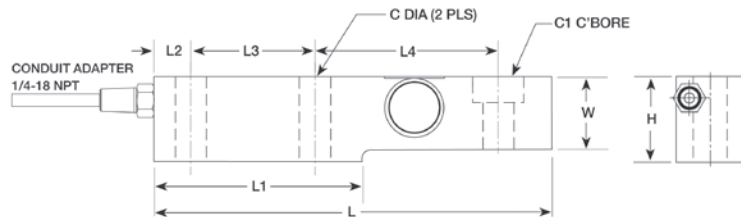
Dimensions

Picture is a representation of actual product

Rated Capacity	C	C1	H	L	L1	L2	L3	L4	T	W
lb/in										
2,500	0.53	1.20 × 0.75 DP	1.93	8.00	4.00	0.75	2.50	3.88	3/4-16 UNF	1.25
5,000	0.53	1.20 × 0.75 DP	1.93	8.00	4.00	0.75	2.50	3.88	3/4-16 UNF	1.45
10,000	—	1.20 × 0.75 DP	2.46	9.00	4.00	0.75	2.00	5.25	—	1.62

Order Information

Load Rating	Part #	Est. Weight	Price
Threaded			
2,500 lb	116053	6 lb	\$636.00
5,000 lb	116054	6 lb	\$742.00
Thru Hole			
2,500 lb	34482	6 lb	\$636.00
10,000 lb	116055	10 lb	\$742.00
Options			
Load cell button	116084	—	\$11.00



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RICE LAKE

SINGLE-ENDED BEAM

RL50219SS

Stainless Steel, Environmentally Sealed, IP67



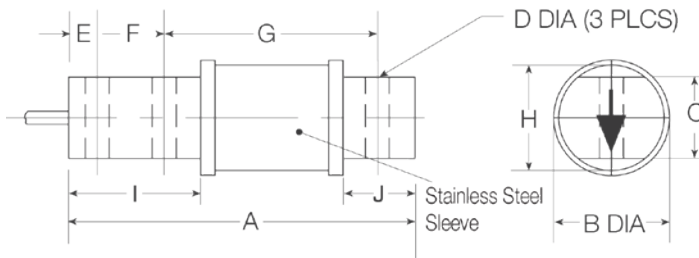
Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	I	J
lb/in										
25-500	2.81	1.30	0.62	0.26	0.25	0.50	1.81	1.00	1.00	0.50

Order Information

Load Rating	Part #	Est. Weight	Price
25 lb	194014	2 lb	\$450.00
50 lb	194015	2 lb	\$450.00
75 lb	194016	2 lb	\$450.00
100 lb	194017	2 lb	\$450.00
150 lb	194018	2 lb	\$450.00
250 lb	194019	2 lb	\$450.00
500 lb	194020	2 lb	\$450.00



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS	RL60040SST	—
RICE LAKE WEIGHING SYSTEMS	RL50210 (alloy)	—

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS	RL50219SS-TA	—
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Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

350 (± 3) ohm

Input Resistance:

380-450 ohm

Material/Finish:

Stainless steel

Temperature:

Operating range
0° F to 150° F (-18° C to 65° C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5-10 VDC

Nonlinearity:

0.03% full scale

Hysteresis:

0.02% full scale

Combined Error:

0.017% full scale

Insulation Resistance:

5,000 megohms

Cable Length:

20 ft

Cable Color Code:

Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:

Two-year limited warranty

SINGLE-ENDED BEAM RL50210

Alloy Steel, Environmentally Sealed, IP65

Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL50219SS.....—

VPG® SENSORTRONICS®

60040.....—

ARTECH®

50210.....—

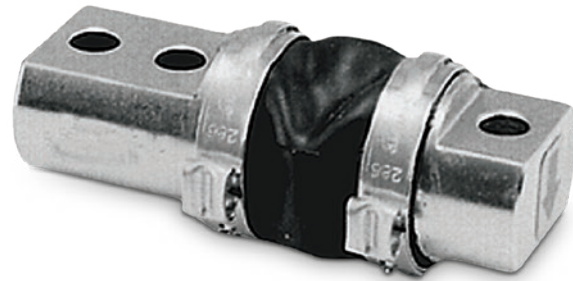
VPG® REVERE

5503.....—

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL50210TA.....—



APPROVALS



Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	I	J
lb/in										
25-500	2.81	1.30	0.62	0.26	0.25	0.50	1.81	1.00	1.00	0.50

Order Information

Load Rating	Part #	Est. Weight	Price
25 lb	17385	2 lb	\$260.00
50 lb	17380	2 lb	\$260.00
100 lb	17381	2 lb	\$260.00
150 lb	17382	2 lb	\$260.00
250 lb	17383	2 lb	\$260.00
500 lb	17384	2 lb	\$260.00

Specifications

Full Scale Output:
3.0 mV/V

Output Resistance:
349-355 ohm

Input Resistance:
360-450 ohm

Material/Finish:
High-alloy steel, nickel plated

Temperature:
Operating range
0°F to 150°F (-18°C to 65°C)

Seal Type:
Environmentally sealed with neoprene sleeve, IP65

Safe Overload:
150% full scale

Rated Excitation:
5-10 VDC (15 V maximum)

Nonlinearity:
0.03% full scale

Hysteresis:
0.02% full scale

Insulation Resistance:
5,000 megohms

Deflection at Capacity:
25-50 lb=0.008 in
100 lb=0.010 in
150 lb=0.012 in
250 lb=0.016 in
500 lb=0.025 in

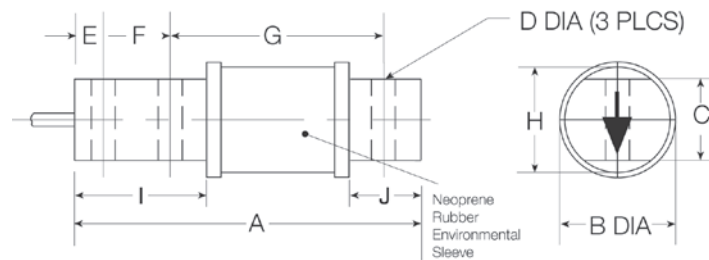
Cable Length:
20 ft

Cable Diameter:
0.200 in polyurethane jacket

Cable Color Code:
Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:
Two-year limited warranty

Approvals:
cFMus



LOAD CELLS / WEIGH MODULES

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RICE LAKE

SINGLE-ENDED BEAM RL40BBS

Alloy Steel, Environmentally Sealed, IP65



Interchangeable Products

HBM®	
BBS —
VPG® SENSORTRONICS®	
65087 —
FAIRBANKS®	
3-481XX-1 —
FAIRBANKS	
3-48660-1 —
ARTECH®	
40310 —

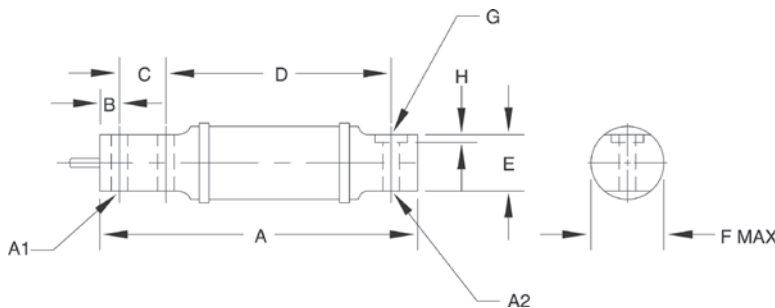
Dimensions

Picture is a representation of actual product

Rated Capacity	A	A1	A2	B	C	D	E	F	G	H
lb/in										
50-100	6.00	0.31	0.31	0.38	0.88	4.25	1.06	1.41	—	—
200-1,000	6.62	0.52	0.52	0.50	1.12	4.25	1.06	1.41	—	—
2,500	11.38	0.53	0.62	0.50	1.75	8.25	1.25	2.19	1.19	0.12

Order Information

Load Rating	Part #	Est. Weight	Price
50 lb	17395	3 lb	\$418.00
100 lb	17343	3 lb	\$418.00
200 lb	17396	3 lb	\$418.00
250 lb	17397	3 lb	\$418.00
500 lb	17398	3 lb	\$418.00
1,000 lb	17344	3 lb	\$418.00
2,500 lb	17345	9 lb	\$662.00



Specifications

Full Scale Output:

2.0 mV/V

Bridge Resistance:

50-1,000 lb=750 ohm, nominal
2,500 lb=347 ohm, nominal

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Operating range
0°F to 150°F (-18°C to 65°C)

Seal Type:

Environmentally sealed with neoprene sleeve, IP65

Safe Overload:

150% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Deflection at Capacity:

50 lb=0.015 in
100 lb=0.005 in
200-250 lb=0.030 in
500 lb=0.025 in
1,000 lb=0.040 in
2,500 lb=0.120 in

Nonlinearity:

0.03% full scale

Hysteresis:

0.02% full scale

Insulation Resistance:

5,000 megohms

Cable Length:

10 ft

Cable Diameter:

0.200 in polyurethane jacket

Cable Color Code:

Green +Excitation
Black -Excitation
White +Signal
Red -Signal

Warranty:

Two-year limited warranty

Stainless Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, Potted, IP67

Interchangeable Products

AVERY WEIGH TRONIX®

Weigh Bar..... —

Specifications

Full Scale Output:

2.0 ± (0.1%) mV/V

Output Resistance:

350 (± 3) ohm

Input Resistance:

385 (± 10) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated range
 14° F to 104° F (-10° C to 40° C)
 Operating range
 0° F to 150° F (-18° C to 65° C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5-10 VDC

Combined Error:

0.02% full scale

Non-Repeatability:

± 0.01% full scale

Insulation Resistance:

5,000 megaohms

Cable Length:

20 ft

Cable Diameter:

0.190 in polyurethane jacket

Cable Color Code:

Green +Excitation
 Black -Excitation
 White +Signal
 Red -Signal

Warranty:

Two-year limited warranty

Approvals:

NTEP



APPROVALS



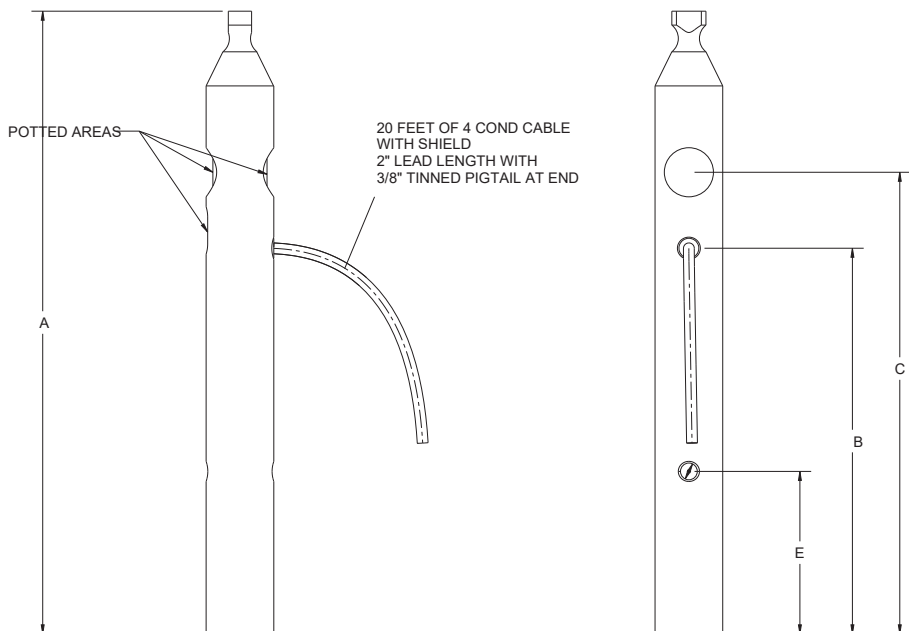
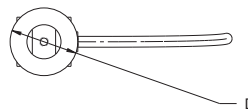
Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E
1,250 lb/in	11.50	7.12	8.52	1.25	3.0
5,000	10.9	5.5	7.4	2.0	3.0
10,000	12.6	5.9	8.0	2.5	3.0

Order Information

Load Rating	Part #	Est. Weight	Price
1,250 lb	119788	5 lb	\$730.00
5,000 lb	119790	9 lb	\$850.00
10,000 lb	119791	17 lb	\$950.00



SINGLE-ENDED BEAM

RL32011WB-T

Stainless Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, Potted, IP67

LOAD CELLS / WEIGH MODULES



APPROVALS



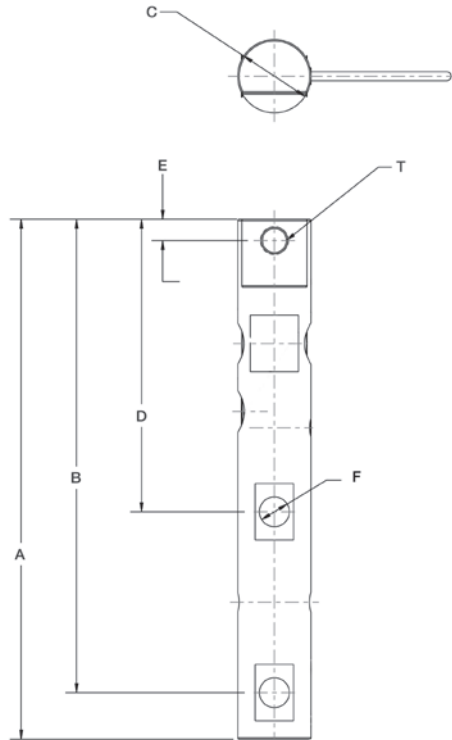
Picture is a representation of actual product

Dimensions

Rated Capacity	A	B	C	D	E	F	T
1,250	11.50	10.47	1.25	6.47	0.47	0.53	1/2-13 UNC
2,500	11.50	10.47	1.62	6.47	0.47	0.66	5/8-11 UNC

Order Information

Load Rating	Part #	Est. Weight	Price
1,250 lb	119796	3 lb	\$525.00
2,500 lb	119797	3 lb	\$525.00



Interchangeable Products

AVERY WEIGH TRONIX®

Weigh Bar..... —

Specifications

Full Scale Output:

2.0 (± 0.1%) mV/V

Output Resistance:

350 (± 3) ohm

Input Resistance:

385 (± 10) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated range

14°F to 104°F (-10°C to 40°C)

Operating range

0° F to 150° F (-18° C to 65° C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5-10 VDC

Combined Error:

0.02% full scale

Non-Repeatability:

± 0.01% full scale

Insulation Resistance:

5,000 megaohms

Cable Length:

20 ft

Cable Diameter:

0.190 in polyurethane jacket

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Warranty:

Two-year limited warranty

Approvals:

NTEP

www.ricelake.com | Phone: 800-472-6703

RICE LAKE

NEW

DOUBLE-ENDED BEAM

RL72020

Alloy Steel, Environmentally Sealed, NTEP Certified 1:10,000 Class III L Multiple Cell. IP67

Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL70000*

VPG® REVERE

5103*

ARTECH®

70210

METTLER-TOLEDO®

SLD 430

*Conduit adapter optional

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

EZ Mount 1

APPROVALS



Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	J	K	L
lb/in											
5,000-10,000	8.12	4.06	1.44	1.12	0.62	6.88	0.62	0.66	1.70	1.48	0.50
20,000	8.12	4.06	1.44	1.12	0.62	6.88	0.84	0.66	1.95	1.48	0.50
30,000-60,000	10.25	5.12	1.88	2.37	0.88	8.50	1.00	1.06	3.20	2.73	1.00
100,000	11.25	5.62	1.88	2.50	0.88	9.50	1.00	1.06	3.50	3.24	1.50
150,000	11.25	5.62	1.88	2.80	0.88	9.50	1.25	1.06	3.90	3.64	1.50
200,000-250,000	16.10	8.05	3.05	4.60	1.55	13.00	1.30	1.56	5.38	5.17	2.00

Specifications

Full Scale Output:
3.0 mV/V

Output Resistance:
700 (± 5) ohm

Input Resistance:
5-10k=700 (± 14) ohm
20-150k=770 (± 10) ohm
200-250k=700 (± 14) ohm

Material/Finish:
High-alloy steel, nickel plated

Temperature:
Compensated range
14° F to 104° F (-10° C to 40° C)
Operating range
0° F to 150° F (-18° C to 65° C)

Seal Type:
Environmentally sealed, IP67

Safe Overload:
150% full scale

Safe Sideload:
100% full scale

Rated Excitation:
5-10 VDC (15 V maximum)

Combined Error:
0.02% full scale

Insulation Resistance:
5,000 megohms

Deflection at Capacity:
5,000 lb=0.02 in
10,000 lb=0.025 in
20,000 lb=0.042 in
30,000-50,000 lb=0.02 in
60,000 lb=0.025 in
100,000 lb=0.02 in

Cable Length:
30 ft

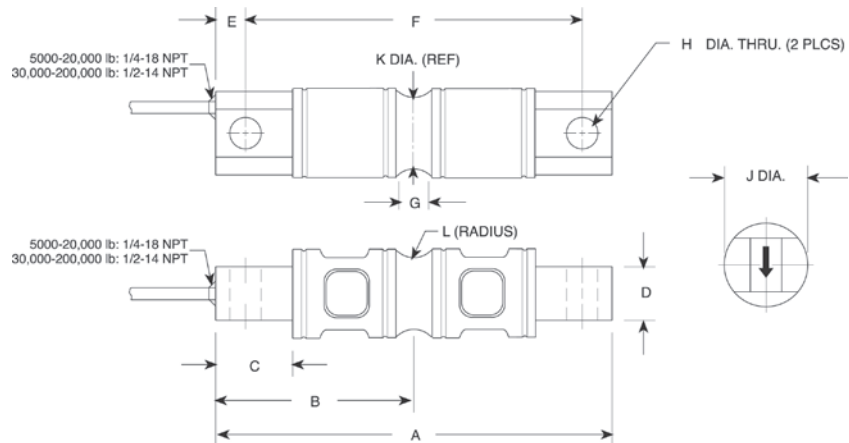
Cable Color Code:
Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:
Two-year limited warranty

Approvals:
cFMus
NTEP

Order Information

Load Rating	Part #	Est. Weight	Price
5,000 lb	201758	5 lb	\$695.00
10,000 lb	201759	6 lb	\$695.00
20,000 lb	201760	7 lb	\$695.00
30,000 lb	201761	18 lb	\$800.00
40,000 lb	201762	18 lb	\$800.00
50,000 lb	201763	18 lb	\$800.00
60,000 lb	201764	18 lb	\$800.00
100,000 lb	201765	28 lb	\$1,563.00
150,000 lb	201766	34 lb	\$1,563.00
200,000 lb	201767	90 lb	\$2,940.00
250,000 lb	201768	93 lb	\$2,940.00



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RICE LAKE

NEW

DOUBLE-ENDED BEAM

RL72020SS

Stainless Steel, Environmentally Sealed, NTEP Certified 1:10,000 Class IIIIL Multiple Cell, IP67

LOAD CELLS / WEIGH MODULES



APPROVALS



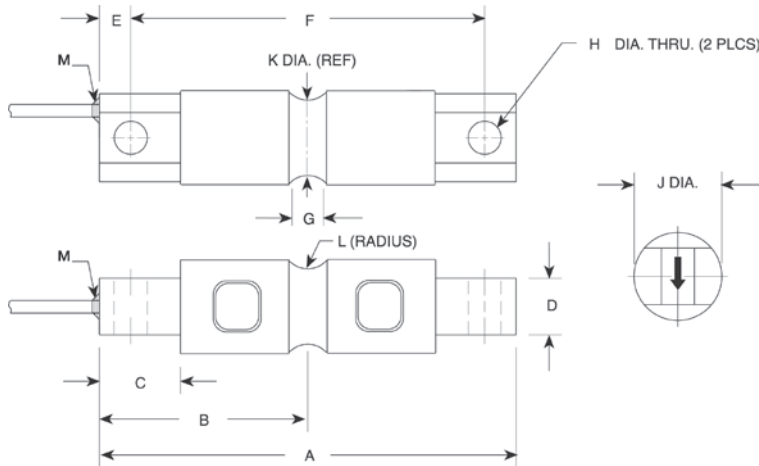
Picture is a representation of actual product

Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	J	K	L	M
lb/in												
5,000-10,000	8.12	4.06	1.44	1.12	0.62	6.88	0.62	0.66	1.70	1.48	0.50	1/4-18 NPT
20,000	8.12	4.06	1.44	1.12	0.62	6.88	0.84	0.66	1.95	1.48	0.50	1/4-18 NPT
30,000-60,000	10.25	5.12	1.88	2.37	0.88	8.50	1.00	1.06	3.20	2.73	1.00	1/2-14 NPT
100,000	11.25	5.62	1.88	2.50	0.88	9.50	1.00	1.06	3.50	3.24	1.50	1/2-14 NPT
150,000	11.25	5.62	1.88	2.80	0.88	9.50	1.25	1.06	3.90	3.64	1.50	1/2-14 NPT

Order Information

Load Rating	Part #	Est. Weight	Price
NTEP Certified			
10,000 lb	201781	5 lb	\$820.00
20,000 lb	201782	5 lb	\$900.00
30,000 lb	201783	20 lb	\$1,033.00
40,000 lb	201784	20 lb	\$1,033.00
50,000 lb	201785	20 lb	\$1,033.00
60,000 lb	201786	20 lb	\$1,033.00
100,000 lb	201787	30 lb	\$1,960.00
Non-NTEP Certified			
5,000 lb	201780	5 lb	\$820.00
150,000 lb	201788	30 lb	\$2,173.00



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS	
RL70000SS	—
VPG® REVERSE	
9103	—

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS	
EZ Mount 1 SS	—

Specifications

Full Scale Output:
3.0 mV/V

Output Resistance:
700 (± 5) ohm

Input Resistance:
700 (± 10) ohm

Material/Finish:
Stainless steel

Temperature:
Operating range:
14°F to 104°F (-10°C to 40°C)

Seal Type:
Environmentally sealed, IP67

Safe Overload:
150% full scale

Rated Excitation:
5-10 VDC

Combined Error:
0.02% full scale

Insulation Resistance:
5,000 megohms

Cable Length:
30 ft polyurethane jacket

Cable Color Code:
Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:
Two-year limited warranty

Approvals:
NTEP
cFMus

www.ricelake.com | Phone: 800-472-6703

RICE LAKE

NEW

DOUBLE-ENDED BEAM

RL72020P

Alloy Steel, Environmentally Sealed, NTEP Certified 1:10,000 Class III L Multiple Cell, IP67

Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL70000.....—

RICE LAKE WEIGHING SYSTEMS

RL70000 Painted.....—

VPG® REVERE

5103*.....—

ARTECH®

70210.....—

METTLER-TOLEDO®

SLD 430.....—

*Conduit adapter optional

*Cells are unpainted

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

EZ Mount 1.....—

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

5-10k=703 (± 4) ohm
20-150k=700 (± 5) ohm
200-250k=700 (± 5) ohm

Input Resistance:

5-10k=700 (± 14) ohm
20-150k=770 (± 10) ohm
200-250k=700 (± 14) ohm

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Compensated range
14° F to 104° F (-10° C to 40° C)
Operating range
0° F to 150° F (-18° C to 65° C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohms

Deflection at Capacity:

5,000 lb=0.02 in
10,000 lb=0.025 in
20,000 lb=0.042 in
30,000-50,000 lb=0.02 in
60,000 lb=0.025 in
100,000 lb=0.02 in

Cable Length:

30 ft

Cable Diameter:

5,000 lb-20,000 lb=0.200 in
30,000 lb-250,000 lb=0.305 in
polyurethane jacket

Cable Color Code:

Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:

Two-year limited warranty

Approvals:

cFMus
NTEP

APPROVALS



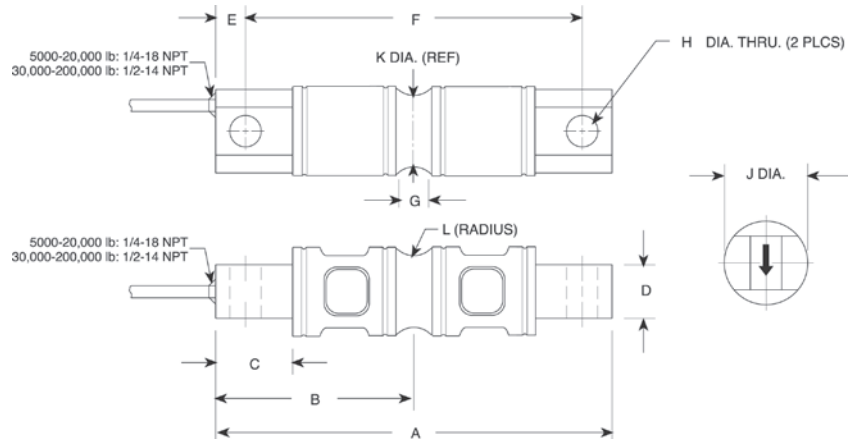
Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	J	K	L
lb/in											
5,000-10,000	8.12	4.06	1.44	1.12	0.62	6.88	0.62	0.66	1.70	1.48	0.50
20,000	8.12	4.06	1.44	1.12	0.62	6.88	0.84	0.66	1.95	1.48	0.50
30,000-60,000	10.25	5.12	1.88	2.37	0.88	8.50	1.00	1.06	3.20	2.73	1.00
100,000	11.25	5.62	1.88	2.50	0.88	9.50	1.00	1.06	3.50	3.24	1.50
150,000	11.25	5.62	1.88	2.80	0.88	9.50	1.25	1.06	3.90	3.64	1.50
200,000-250,000	16.10	8.05	3.05	4.60	1.55	13.00	1.30	1.56	5.38	5.17	2.00

Order Information

Load Rating	Part #	Est. Weight	Price
5,000 lb	201769	5 lb	\$720.00
10,000 lb	201770	6 lb	\$720.00
20,000 lb	201771	7 lb	\$720.00
30,000 lb	201772	18 lb	\$826.00
40,000 lb	201773	18 lb	\$826.00
50,000 lb	201774	18 lb	\$826.00
60,000 lb	201775	18 lb	\$826.00
100,000 lb	201776	28 lb	\$1,615.00
150,000 lb	201777	34 lb	\$1,615.00
200,000 lb	201778	90 lb	\$2,990.00
250,000 lb	201779	93 lb	\$2,990.00



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RICE LAKE

DOUBLE-ENDED BEAM

RL72019SS

Stainless Steel, Environmentally Sealed, IP68

LOAD CELLS / WEIGH MODULES



APPROVALS



Pending

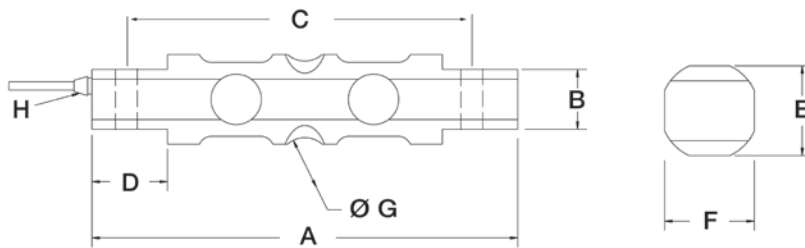
Dimensions

Picture is a representation of actual product

Rated Capacity lb/in	A	B	C	D	E	F	ØG	H
5,000-20,000	8.12	1.14	6.88	1.44	1.71	1.71	1.00	1/4-18 NPT
30,000-60,000	10.25	2.38	8.50	1.88	3.03	3.03	2.00	1/2-14 NPT

Order Information

Load Rating	Part #	Est. Weight	Price
5,000 lb	194021	5 lb	\$1,160.00
10,000 lb	194022	5 lb	\$1,160.00
20,000 lb	194023	5 lb	\$1,160.00
30,000 lb	194024	20 lb	\$1,585.00
40,000 lb	194025	20 lb	\$1,585.00
50,000 lb	194026	20 lb	\$1,585.00
60,000 lb	194027	20 lb	\$1,585.00



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS	
RL70000SS	—
VPG® REVERSE	
9103.....	—

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS	
EZ Mount 1 SS.....	—

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

700 (± 5) ohm

Input Resistance:

780 (± 10) ohm

Material/Finish:

Stainless steel

Temperature:

Operating range:
0°F to 150°F (-18°C to 65°C)

Seal Type:

Welded-seal, IP68

Safe Overload:

150% full scale

Rated Excitation:

5-10 VDC

Nonlinearity:

0.03% full scale

Hysteresis:

0.5% full scale

Insulation Resistance:

5,000 megohms

Cable Length:

25 ft

Cable Color Code:

Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:

Two-year limited warranty

Approvals:

cFMus
NTEP pending

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RICE LAKE

DOUBLE-ENDED BEAM RL70000

Alloy Steel, Environmentally Sealed, NTEP Certified 1:10,000 Class IIIIL Multiple Cell, IP67

Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL72020.....—

VPG® REVERE*

5103*.....—

ARTECH®

70210.....—

METTLER-TOLEDO®

SLD 430.....—

*Conduit adapter optional

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

EZ Mount 1.....—



APPROVALS



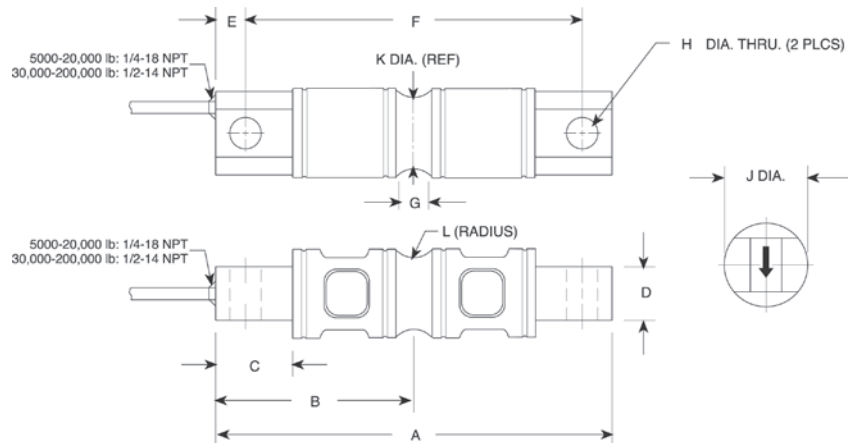
Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	J	K	L
lb/in											
5,000-10,000	8.12	4.06	1.44	1.12	0.62	6.88	0.62	0.66	1.70	1.48	0.50
20,000	8.12	4.06	1.44	1.12	0.62	6.88	0.84	0.66	1.95	1.48	0.50
30,000-60,000	10.25	5.12	1.88	2.37	0.88	8.50	1.00	1.06	3.20	2.73	1.00
100,000	11.25	5.62	1.88	2.50	0.88	9.50	1.00	1.06	3.50	3.24	1.50
150,000	11.25	5.62	1.88	2.80	0.88	9.50	1.25	1.06	3.90	3.64	1.50
200,000-250,000	16.10	8.05	3.05	4.60	1.55	13.00	1.30	1.56	5.38	5.17	2.00

Order Information

Load Rating	Part #	Est. Weight	Price
5,000 lb	36263	5 lb	\$695.00
10,000 lb	36264	6 lb	\$695.00
20,000 lb	36265	7 lb	\$695.00
30,000 lb	36266	18 lb	\$800.00
40,000 lb	36267	18 lb	\$800.00
50,000 lb	36268	18 lb	\$800.00
60,000 lb	36269	18 lb	\$800.00
100,000 lb	36270	28 lb	\$1,563.00
150,000 lb	36976	34 lb	\$1,563.00
200,000 lb	36977	90 lb	\$2,940.00
250,000 lb	36978	93 lb	\$2,940.00



Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

5-10k=703 (± 4) ohm
20-150k=700 (± 5) ohm
200-250k=700 (± 5) ohm

Input Resistance:

5-10k=700 (± 14) ohm
20-150k=770 (± 10) ohm
200-250k=700 (± 14) ohm

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Compensated range
14° F to 104° F (-10° C to 40° C)
Operating range
0° F to 150° F (-18° C to 65° C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohms

Deflection at Capacity:

5,000 lb=0.02 in
10,000 lb=0.025 in
20,000 lb=0.042 in
30,000-50,000 lb=0.02 in
60,000 lb=0.025 in
100,000 lb=0.02 in

Cable Length:

30 ft

Cable Diameter:

5,000-20,000 lb=0.200 in
30,000-250,000 lb=0.305 in
polyurethane jacket

Cable Color Code:

Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:

Two-year limited warranty

Approvals:

cFMus
NTEP

NEW

DOUBLE-ENDED BEAM

RL70000 Painted

Alloy Steel, Environmentally Sealed, IP67

LOAD CELLS / WEIGH MODULES



APPROVALS



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS	RL70000*	-----
RICE LAKE WEIGHING SYSTEMS	RL72020*	-----
RICE LAKE WEIGHING SYSTEMS	RL72020P	-----

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS	EZ Mount 1	-----
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*Cells are unpainted

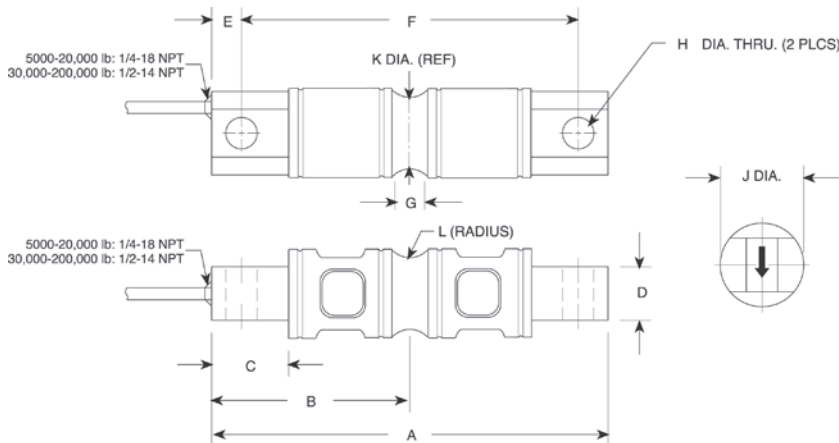
Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	J	K	L
lb/in											
5,000-10,000	8.12	4.06	1.44	1.12	0.62	6.88	0.62	0.66	1.70	1.48	0.50
20,000	8.12	4.06	1.44	1.12	0.62	6.88	0.84	0.66	1.95	1.48	0.50
30,000-60,000	10.25	5.12	1.88	2.37	0.88	8.50	1.00	1.06	3.20	2.73	1.00
100,000	11.25	5.62	1.88	2.50	0.88	9.50	1.00	1.06	3.50	3.24	1.50
150,000	11.25	5.62	1.88	2.80	0.88	9.50	1.25	1.06	3.90	3.64	1.50
200,000-250,000	16.10	8.05	3.05	4.60	1.55	13.00	1.30	1.56	5.38	5.17	2.00

Order Information

Load Rating	Part #	Est. Weight	Price
5,000 lb	198196	5 lb	\$720.00
10,000 lb	198197	6 lb	\$720.00
20,000 lb	198198	7 lb	\$720.00
30,000 lb	198199	18 lb	\$826.00
40,000 lb	198200	18 lb	\$826.00
50,000 lb	198201	18 lb	\$826.00
60,000 lb	198202	18 lb	\$826.00
100,000 lb	198203	28 lb	\$1,615.00
150,000 lb	198204	34 lb	\$1,615.00
200,000 lb	198205	90 lb	\$2,990.00
250,000 lb	198206	93 lb	\$2,990.00



Specifications

Full Scale Output:
3.0 mV/V

Output Resistance:
5-10k=703 (± 4) ohm
20-150k=700 (± 5) ohm
200-250k=700 (± 5) ohm

Input Resistance:
5-10k=700 (± 14) ohm
20-150k=770 (± 10) ohm
200-250k=700 (± 14) ohm

Material/Finish:
High-alloy steel, nickel plated

Temperature:
Compensated range
14° F to 104° F (-10° C to 40° C)
Operating range
0° F to 150° F (-18° C to 65° C)

Seal Type:
Environmentally sealed, IP67

Safe Overload:
150% full scale

Safe Sideload:
100% full scale

Rated Excitation:
5-10 VDC (15 V maximum)

Combined Error:
0.02% full scale

Insulation Resistance:
5,000 megohms

Deflection at Capacity:
5,000 lb=0.02 in
10,000 lb=0.025 in
20,000 lb=0.042 in
30,000-50,000 lb=0.02 in
60,000 lb=0.025 in
100,000 lb=0.02 in

Cable Length:
30 ft

Cable Diameter:
5,000-20,000 lb=0.200 in
30,000-250,000 lb=0.305 in
polyurethane jacket

Cable Color Code:
Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:
Two-year limited warranty

Approvals:
cFMus
NTEP

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RICE LAKE

Stainless Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III/1:10,000 IIL Multiple Cell, IP67

Interchangeable Products

- RICE LAKE WEIGHING SYSTEMS
RL72019SS.....—
- RICE LAKE WEIGHING SYSTEMS
RL72020SS.....—
- VPG® REVERE
9103.....—
- METTLER TOLEDO®
SLD-530.....—

Weigh Module Available

- RICE LAKE WEIGHING SYSTEMS
EZ Mount 1.....—

Specifications

- Full Scale Output:**
3.0 mV/V
- Output Resistance:**
700 (± 7) ohm
- Input Resistance:**
700 (± 7) ohm
- Material/Finish:**
Stainless steel
- Temperature:**
Compensated range
0°F to 150°F (-18°C to 65°C)
Operating range
0°F to 150°F (-18°C to 65°C)
- Seal Type:**
Environmentally sealed, IP67
- Safe Overload:**
150% full scale
- Safe Sideload:**
100% full scale
- Rated Excitation:**
5-10 V AC/DC (15 V max)
- Non-repeatability:**
0.02% full scale
- Combined Error:**
0.3% full scale
- Insulation Resistance:**
5,000 megohms
- Deflection at Capacity:**
5,000 lb=0.02 in
10,000 lb=0.025 in
20,000 lb=0.042 in
30,000-50,000 lb=0.02 in
60,000 lb=0.025 in
100,000-150,000 lb=0.02 in
- Cable Length:**
30 ft
- Cable Diameter:**
0.295 in polyurethane jacket
- Cable Color Code:**
Red +Excitation
Black -Excitation
Green +Signal
White -Signal
- Warranty:**
Two-year limited warranty
- Approvals:**
cFMus
NTEP (Except 5,000 lb and 150,000 lb)

APPROVALS



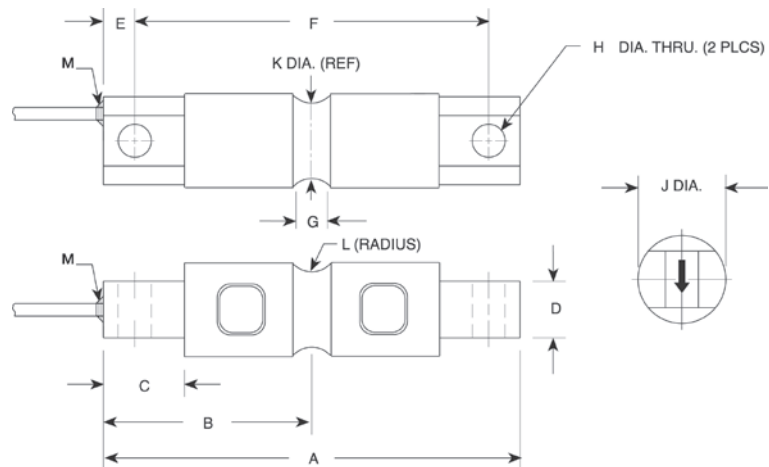
Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	J	K	L	M
5,000-10,000	8.12	4.06	1.44	1.12	0.62	6.88	0.62	0.66	1.70	1.48	0.50	1/4-18 NPT
20,000	8.12	4.06	1.44	1.12	0.62	6.88	0.84	0.66	1.95	1.48	0.50	1/4-18 NPT
30,000-60,000	10.25	5.12	1.88	2.37	0.88	8.50	1.00	1.06	3.20	2.73	1.00	1/2-14 NPT
100,000	11.25	5.62	1.88	2.50	0.88	9.50	1.00	1.06	3.50	3.24	1.50	1/2-14 NPT
150,000	11.25	5.62	1.88	2.80	0.88	9.50	1.25	1.06	3.90	3.64	1.50	1/2-14 NPT

Order Information

Load Rating	Part #	Est. Weight	Price
NTEP Certified			
10,000 lb	30432	5 lb	\$820.00
20,000 lb	30433	6 lb	\$820.00
30,000 lb	30434	22 lb	\$900.00
40,000 lb	30435	22 lb	\$900.00
50,000 lb	30436	22 lb	\$1,007.00
60,000 lb	30437	22 lb	\$1,007.00
100,000 lb	30444	30 lb	\$1,960.00
Non-NTEP Certified			
5,000 lb	30431	5 lb	\$768.00
150,000 lb	30445	30 lb	\$1,960.00



DOUBLE-ENDED BEAM
RL75016

Alloy Steel, Environmentally Sealed, IP67



APPROVALS



Dimensions

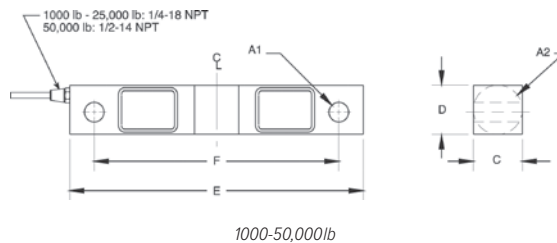
Picture is a representation of actual product

Rated Capacity lb/in	A1	A2	C	D	E	F
1,000-5,000	0.50	1.25	1.25	1.25	7.50	6.25
10,000-25,000	0.81	1.99	1.44	1.94	8.75	7.50
50,000	1.31	3.00	2.44	2.94	13.50	11.50
75,000	1.31	—	2.44	2.94	13.50	11.50

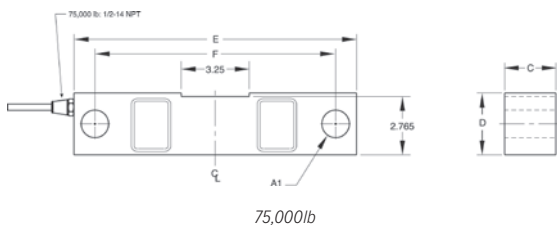
Order Information

Load Rating	Part #	Est. Weight	Price
1,000 lb	17300	4 lb	\$556.00
1,500 lb	17302	4 lb	\$556.00
2,000 lb	17304	4 lb	\$556.00
2,500 lb	17306	4 lb	\$556.00
3,000 lb	17308	4 lb	\$556.00
5,000 lb	17309	4 lb	\$556.00
10,000 lb	17311	7 lb	\$636.00
15,000 lb	17313	7 lb	\$636.00
20,000 lb	17315	7 lb	\$636.00
25,000 lb	17317	7 lb	\$636.00
50,000 lb	17319	25 lb	\$980.00
75,000 lb*	25357	25 lb	\$980.00

*75,000lb capacity has a square center



1000-50,000lb



75,000lb

Interchangeable Products

VPG® CELTRON

DSR..... —

VPG® SENSORTRONICS®

65016..... —

VPG® REVERE

5203..... —

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL1600 Series..... —

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

700 (± 5) ohm

Input Resistance:

770 (± 10) ohm

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Operating range

0°F to 150°F (-18°C to 65°C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Nonlinearity:

0.03% full scale

Hysteresis:

0.02% full scale

Deflection at Capacity:

1,000 lb-3,000 lb=0.01 in

5,000 lb=0.015 in

10,000-20,000 lb=0.022 in

25,000 lb=0.036 in

50,000 lb=0.052 in

75,000 lb=0.07 in

Insulation Resistance:

5,000 megohms

Cable Length:

25 ft

Cable Diameter:

1,000-25,000 lb=0.200 in

50,000-75,000 lb=0.305 in

polyurethane jacket

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited warranty

DOUBLE-ENDED BEAM
RL75016 Painted
 Alloy Steel, Environmentally Sealed, IP67

Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL75016* (Alloy)..... —

VPG® CELTRON

DSR* (Alloy)..... —

VPG® SENSORTRONICS®

65016* (Alloy)..... —

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL1600 Series..... —

*Cells are unpainted



APPROVALS



Dimensions

Picture is a representation of actual product

Rated Capacity lb/in	A1	A2	C	D	E	F
1,000-5,000	0.50	1.25	1.25	1.25	7.50	6.25
10,000-25,000	0.81	1.99	1.44	1.94	8.75	7.50
50,000	1.31	3.00	2.44	2.94	13.50	11.50
75,000	1.31	—	2.44	2.94	13.50	11.50

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

700 (± 5) ohm

Input Resistance:

770 (± 10) ohm

Material/Finish:

High-alloy steel, nickel plated, painted

Temperature:

Operating range
 0° F to 150° F (-18° C to 65° C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Nonlinearity:

0.03% full scale

Hysteresis:

0.02% full scale

Insulation Resistance:

5,000 megohms

Cable Length:

25 ft

Cable Color Code:

Red +Excitation
 Black -Excitation
 Green +Signal
 White -Signal

Warranty:

Two-year limited warranty

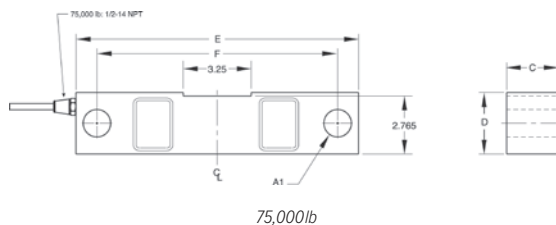
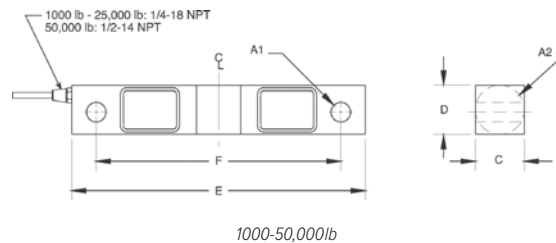
Approvals:

cFMus

Order Information

Load Rating	Part #	Est. Weight	Price
1,000 lb	187058	4 lb	\$583.00
1,500 lb	187059	4 lb	\$583.00
2,000 lb	187060	4 lb	\$583.00
2,500 lb	187061	4 lb	\$583.00
3,000 lb	187062	4 lb	\$583.00
5,000 lb	187063	4 lb	\$583.00
10,000 lb	187064	7 lb	\$662.00
15,000 lb	187065	7 lb	\$662.00
20,000 lb	187066	7 lb	\$662.00
25,000 lb	187067	7 lb	\$662.00
50,000 lb	187068	25 lb	\$1,007.00
75,000 lb*	187069	25 lb	\$1,007.00

*75,000lb capacity has a square center



LOAD CELLS / WEIGH MODULES

www.ricelake.com | Phone: 800-472-6703

RICE LAKE

DOUBLE-ENDED BEAM

RL75016SS

Stainless Steel, Environmentally Sealed, IP67

LOAD CELLS / WEIGH MODULES



APPROVALS



Dimensions

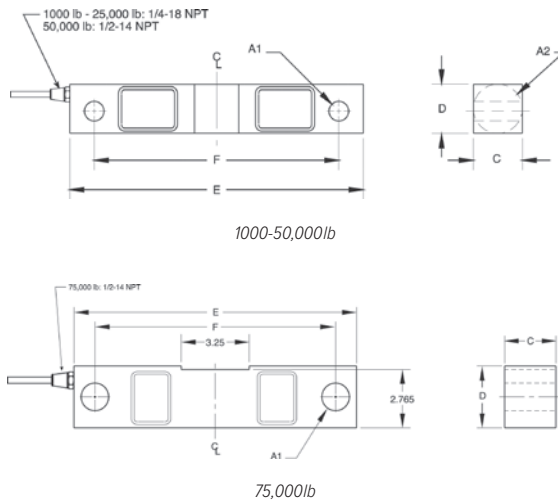
Picture is a representation of actual product

Rated Capacity	A1	A2	C	D	E	F
lb/in						
1,000-5,000	0.50	1.25	1.25	1.25	7.50	6.25
10,000-25,000	0.81	1.99	1.44	1.94	8.75	7.50
50,000	1.31	3.00	2.44	2.94	13.50	11.50
75,000	1.31	—	2.44	2.94	13.50	11.50

Order Information

Load Rating	Part #	Est. Weight	Price
1,000 lb	17301	4 lb	\$583.00
1,500 lb	17303	4 lb	\$583.00
2,000 lb	17305	4 lb	\$583.00
2,500 lb	17307	4 lb	\$583.00
5,000 lb	17310	4 lb	\$583.00
10,000 lb	17312	7 lb	\$662.00
15,000 lb	17314	7 lb	\$662.00
20,000 lb	17316	7 lb	\$662.00
25,000 lb	17318	7 lb	\$662.00
50,000 lb	17320	25 lb	\$1,298.00
75,000 lb*	25356	27 lb	\$1,298.00

*75,000lb capacity has a square center



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL75016WHE* —

VPG® SENSORTRONICS®

65016W —

VPG® SENSORTRONICS

65016WH* —

VPG® REVERE

9203 —

*Hermetically sealed

Weigh Module Available

SURVIVOR®

RL1600 HE Series..... —

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

700 (± 5) ohm

Input Resistance:

770 (± 10) ohm

Material/Finish:

Stainless steel

Temperature:

Operating range
0°F to 150°F (-18°C to 65°C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Nonlinearity:

0.07% full scale

Hysteresis:

0.02% full scale

Cable Diameter:

1,000-25,000 lb=0.200 in
50,000-75,000 lb=0.305 in
polyurethane jacket

Deflection at Capacity:

1,000-3,000 lb=0.01 in
5,000 lb=0.015 in
10,000-20,000 lb=0.022 in
25,000 lb=0.036 in
50,000 lb=0.052 in
75,000 lb=0.07 in

Insulation Resistance:

5,000 megohms

Cable Length:

25 ft

Cable Color Code:

Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:

Two-year limited warranty

Approvals:

cFMus

www.ricelake.com | Phone: 800-472-6703

RICE LAKE

DOUBLE-ENDED BEAM
RL75016SS-W
 Stainless Steel, Welded Seal, IP67

Interchangeable Products

- RICE LAKE WEIGHING SYSTEMS
RL75016SS —
 RICE LAKE WEIGHING SYSTEMS
RL75016WHE —



Specifications

- Full Scale Output:**
3.0 mV/V
- Output Resistance:**
700 (± 5) ohm
- Input Resistance:**
770 (± 10) ohm
- Material/Finish:**
Stainless steel
- Temperature:**
Operating range
0° F to 150° F (-18° C to 65° C)
- Seal Type:**
Welded-seal, IP67
- Safe Overload:**
100% full scale
- Rated Excitation:**
5-10 VDC (15 V max)
- Hysteresis:**
0.02% full scale
- Linearity:**
0.03% full scale
- Cable Length:**
25 ft
- Cable Color Code:**
Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:
Two-year limited warranty

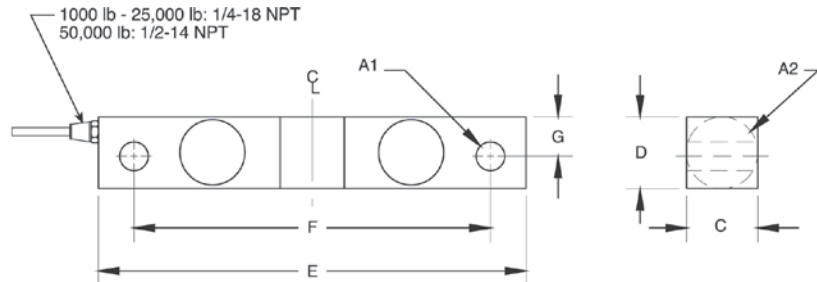
Dimensions

Picture is a representation of actual product

Rated Capacity	A1	A2	C	D	E	F	G
lb/in							
1,000-5,000	0.50	1.25	1.25	1.25	7.50	6.25	0.69
10,000-25,000	0.81	1.99	1.44	1.94	8.75	7.50	0.96
50,000	1.31	3.00	2.44	2.94	13.50	11.50	1.50

Order Information

Load Rating	Part #	Est. Weight	Price
1,000 lb	168114	5 lb	\$630.00
5,000 lb	168115	5 lb	\$630.00
10,000 lb	168116	7 lb	\$715.00
15,000 lb	168117	7 lb	\$715.00
20,000 lb	168118	7 lb	\$715.00
25,000 lb	168119	7 lb	\$715.00
50,000 lb	168120	33 lb	\$1,372.00



DOUBLE-ENDED BEAM

RL75016WHE

Stainless Steel, Hermetically Sealed, IP69K

LOAD CELLS / WEIGH MODULES



APPROVALS



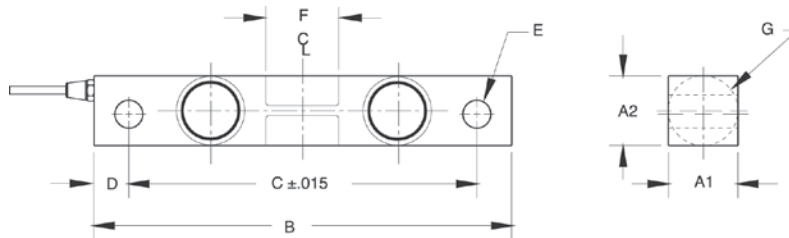
Dimensions

Picture is a representation of actual product

Rated Capacity	A1	A2	B	C	D	E	F	G	CONDUIT ADAPTER
lb/in									
1,000-5,000	1.22	1.22	7.50	6.25	0.62	0.50	1.12	1.25	1/2-14 NPT
10,000-25,000	1.44	1.94	8.75	7.50	0.62	0.81	1.62	1.99	1/2-14 NPT

Order Information

Load Rating	Part #	Est. Weight	Price
1,000 lb	67043	4 lb	\$736.00
1,500 lb	67044	4 lb	\$736.00
2,000 lb	67045	4 lb	\$736.00
2,500 lb	67046	4 lb	\$736.00
5,000 lb	67047	4 lb	\$736.00
10,000 lb	67048	7 lb	\$832.00
15,000 lb	67049	7 lb	\$832.00
20,000 lb	67050	7 lb	\$832.00
25,000 lb	67051	7 lb	\$832.00



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS	RL75016SS*	—
RICE LAKE WEIGHING SYSTEMS	RL75016SS-W*	—
VPG® SENSORTRONICS®	65016W*	—
VPG® SENSORTRONICS	65016WH	—

*Welded seal

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS	RL1600 Series	—
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Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

699-707 ohm

Input Resistance:

686-714 ohm

Material/Finish:

Stainless steel

Temperature:

Operating range
0°F to 150°F (-18°C to 65°C)

Seal Type:

Hermetically sealed, IP69K

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Combined Error:

0.03% full scale

Insulation Resistance:

2,000 megohms

Cable Length:

25 ft

Cable Diameter:

0.200 in polyurethane jacket

Cable Color Code:

Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:

Two-year limited warranty

Approvals:

cFMus
Waterproof

www.ricelake.com | Phone: 800-472-6703

RICE LAKE

RL75058I FOR RICE LAKE COIL SCALE

Alloy Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, IP67

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:
700 (± 5) ohms
Input Resistance:
770 (± 10) ohms
Material/Finish:

High-alloy steel, nickel plated

Temperature:

Compensated range
14°F to 104°F (-10°C to 40°C)
Operating range
0°F to 150°F (-18°C to 65°C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohms

Cable Length:

35 ft

Cable Diameter:

10,000-25,000 lb=0.200 in
40,000-125,000 lb=0.305 in
polyurethane jacket

Cable Coloring Code:

Red +Excitation
Black -Excitation
Green +Signal
White -Signal

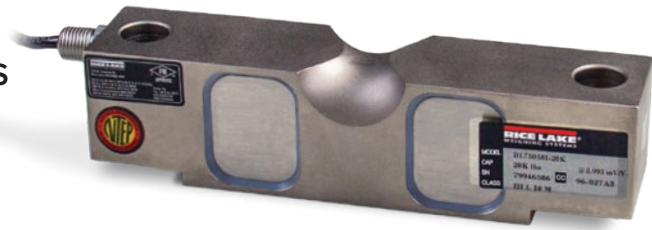
Warranty:

Two-year limited warranty

Approvals:

cFMus
NTEP

APPROVALS



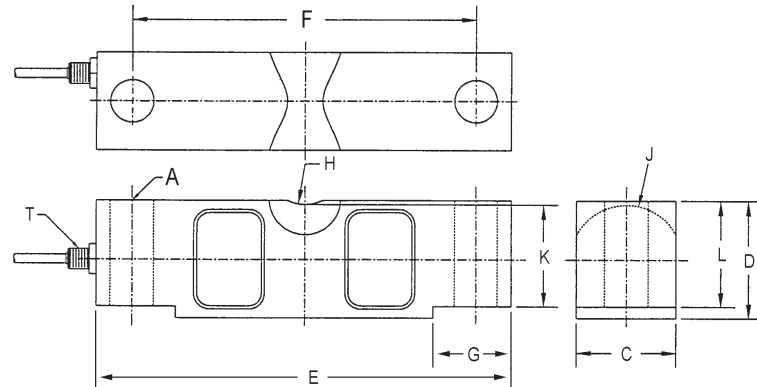
Dimensions

Picture is a representation of actual product

Rated Capacity	A	C	D	E	F	G	H	J	K	L	T
lb/in											
20,000-25,000	0.68	1.69	1.94	7.75	6.50	1.38	0.75	0.90	1.63	1.70	1/4-18 NPT
40,000	0.81	1.94	2.44	10.25	8.50	1.93	1.00	1.12	2.00	2.10	1/4-18 NPT
50,000-75,000	1.06	2.44	2.94	10.25	8.50	1.93	1.00	1.37	2.54	2.65	1/2-14 NPT

Order Information

Load Rating	Part #	Est. Weight	Price
20,000 lb	121439	8 lb	\$673.00
25,000 lb	121440	8 lb	\$673.00
40,000 lb	121441	13 lb	\$805.00
50,000 lb	121442	19 lb	\$885.00
60,000 lb	121443	19 lb	\$885.00
75,000 lb	121444	19 lb	\$885.00



NEW

DOUBLE-ENDED BEAM

RL75058-LP

Alloy Steel, Environmentally Sealed, NTEP Certified 1:10,000 Class III L Multiple Cell, IP67

**Lightning Protection
Built-in**



APPROVALS



Interchangeable Products

VPG® SENSORTRONICS®	
65058A	—
VPG® CELTRON	
CLB	—

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS	
RL2100HE	—
RICE LAKE WEIGHING SYSTEMS	
MVS	—

Dimensions

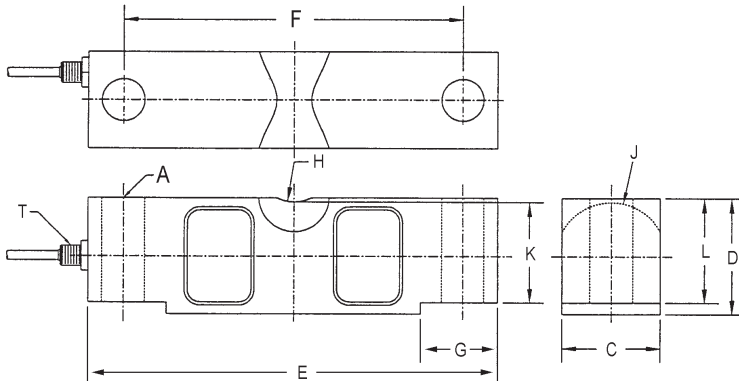
Picture is a representation of actual product

Rated Capacity	A	C	D	E	F	G	H	J	K	L	T
lb/in											
10,000-25,000	0.68	1.69	1.94	7.75	6.50	1.38	0.75	0.90	1.63	1.70	1/4-18 NPT
40,000	0.81	1.94	2.44	10.25	8.50	1.93	1.00	1.12	2.00	2.10	1/4-18 NPT
50,000-75,000	1.06	2.44	2.94	10.25	8.50	1.93	1.00	1.37	2.54	2.65	1/2-14 NPT
100,000-125,000	1.62	2.90	3.86	15.25	12.75	3.13	1.50	1.80	3.30	3.43	1/2-14 NPT

Order Information

Load Rating	Part #	Est. Weight	Price
NTEP Certified 35 ft Cable			
20,000 lb	197770	8 lb	\$673.00
25,000 lb	197771	8 lb	\$673.00
40,000 lb	197772	13 lb	\$805.00
50,000 lb	197773	19 lb	\$885.00
60,000 lb	197774	19 lb	\$885.00
75,000 lb	197775	19 lb	\$885.00
100,000 lb	197776	40 lb	\$1,575.00
125,000 lb	197777	40 lb	\$1,669.00
Non-NTEP Certified 35 ft Cable			
10,000 lb	197769	8 lb	\$652.00
NTEP Certified 60 ft Cable			
50,000 lb	197778	20 lb	\$895.00
75,000 lb**	197781	20 lb	\$948.00
75,000 lb*	197782	20 lb	\$995.00
125,000 lb	197779	40 lb	\$1,722.00
NTEP Certified 100 ft Cable			
75,000 lb	197780	22 lb	\$1,055.00

*Stainless steel overbraid cable
**Used in Rice Lake truck scales



Specifications

- Full Scale Output:**
3.0 mV/V
- Output Resistance:**
700 (± 5) ohms
- Input Resistance:**
770 (± 10) ohms
- Material/Finish:**
High-alloy steel, nickel plated
- Temperature:**
Compensated range
14°F to 104°F (-10°C to 40°C)
Operating range
0°F to 150°F (-18°C to 65°C)
- Seal Type:**
Environmentally sealed, IP67
- Safe Overload:**
150% full scale
- Safe Sideload:**
100% full scale
- Rated Excitation:**
5-10 VDC (15 V maximum)
- Combined Error:**
0.02% full scale
- Insulation Resistance:**
5,000 megohms
- Cable Length:**
35 ft
60 ft
100 ft
- Cable Diameter:**
10,000-25,000 lb=0.200 in
40,000-125,000 lb=0.305 in
polyurethane jacket
- Cable Coloring Code:**
Red +Excitation
Black -Excitation
Green +Signal
White -Signal
- Warranty:**
Two-year limited warranty
- Approvals:**
cFMus
NTEP

NEW

DOUBLE-ENDED BEAM

RL75058S-LP

Stainless Steel, Hermetically Sealed, NTEP Certified 1:10,000 Class III L Multiple Cell, IP68/69K

**Lightning Protection
Built-in**

APPROVALS



Interchangeable Products

- RICE LAKE WEIGHING SYSTEMS
RL75058I (Alloy)..... —
- VPG® SENSORTRONICS®
65058S..... —

Weigh Module Available

- RICE LAKE WEIGHING SYSTEMS
RL2100HE..... —
- RICE LAKE WEIGHING SYSTEMS
MVS..... —

Specifications

- Full Scale Output:**
3.0 mV/V
- Output Resistance:**
700 (± 7) ohms
- Input Resistance:**
700 (± 14) ohms
- Material/Finish:**
Stainless steel
- Temperature:**
Compensated range
14°F to 104°F (-10°C to 40°C)
Operating range
0°F to 150°F (-18°C to 65°C)
- Seal Type:**
Hermetically sealed, IP68/IP69K
- Safe Overload:**
150% full scale
- Safe Sideload:**
100% full scale
- Rated Excitation:**
5-10 VDC (15 V maximum)
- Combined Error:**
0.02% full scale
- Insulation Resistance:**
5,000 megohms
- Cable Length:**
35 ft
60 ft
- Cable Diameter:**
10,000-25,000 lb=0.200 in
40,000-125,000 lb=0.305 in
polyurethane jacket

- Cable Coloring Code:**
Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:
Two-year limited warranty

Approvals:
cFMus
NTEP

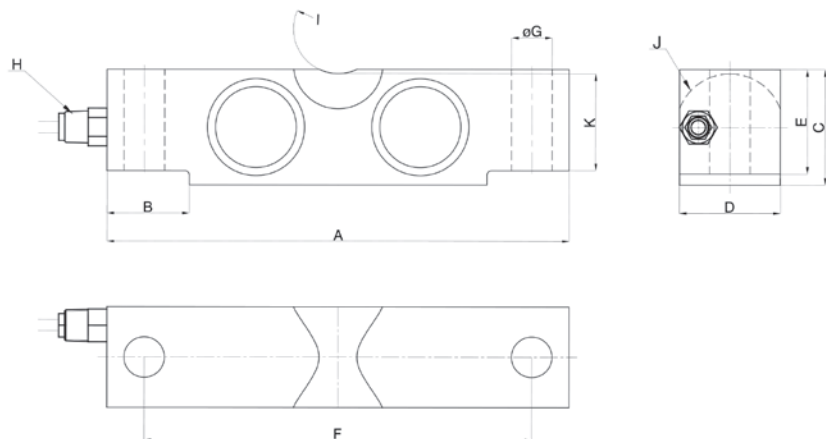
Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	ØG	H	I	J	K
lb/in											
10,000-25,000	7.75	1.38	1.94	1.69	1.70	6.50	0.68	1/4-18 NPT	R19.1	R22.9	1.63
40,000	10.25	1.93	2.44	1.94	2.10	8.50	0.81	1/4-18 NPT	R25.4	R28.5	2.00
50,000-75,000	10.25	1.93	2.94	2.44	2.65	8.50	1.06	1/2-14 NPT	R25.4	R34.8	2.54
100,000-125,000	15.25	3.13	3.86	2.90	3.43	12.75	1.62	1/2-14 NPT	R38.1	R45.7	3.30

Order Information

Load Rating	Part #	Est. Weight	Price
NTEP Certified 35 ft Cable			
20,000 lb	197797	8 lb	\$927.00
25,000 lb	197798	8 lb	\$927.00
40,000 lb	198430	13 lb	\$1,160.00
50,000 lb	197799	19 lb	\$1,160.00
60,000 lb	197800	19 lb	\$1,160.00
75,000 lb	197801	19 lb	\$1,160.00
100,000 lb	197803	40 lb	Consult
125,000 lb	197804	40 lb	Consult
Non-NTEP Certified 35 ft Cable			
10,000 lb	197796	8 lb	\$864.00
NTEP Certified 60 ft Cable			
75,000 lb	197802	20 lb	\$1,240.00



LOAD CELLS / WEIGH MODULES

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RICE LAKE

DOUBLE-ENDED BEAM

RL75060S

Stainless Steel, Welded Seal, NTEP Certified 1:5,000 III/1:10,000 Class III L Multiple Cell, IP67



APPROVALS



Weigh Module Available

RICE LAKE WEIGHING SYSTEMS	RL2100HE.....	—
RICE LAKE WEIGHING SYSTEMS	MVS.....	—

Specifications

- Full Scale Output:** 3.0 mV/V
- Output Resistance:** 699-707 ohm
- Input Resistance:** 686-714 ohm
- Material/Finish:** Stainless steel
- Temperature:** Compensated range 14°F to 104°F (-10°C to 40°C)
Operating range 0°F to 150°F (-18°C to 65°C)

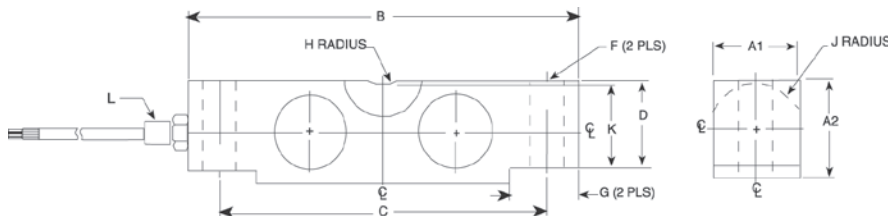
Dimensions

Picture is a representation of actual product

Rated Capacity	F	A1	A2	B	C	G	H	J	K	D	L
20,000-25,000 lb/in	0.68	1.69	1.94	7.75	6.50	1.38	0.75	0.90	1.63	1.70	1/4-18 NPT
35,000-75,000	1.06	2.44	2.94	10.25	8.50	1.93	1.00	1.37	2.54	2.65	1/2-14 NPT
100,000	1.06	2.44	3.44	10.25	8.50	1.93	1.00	1.37	2.54	2.65	1/2-14 NPT

Order Information

Load Rating	Part #	Est. Weight	Price
35 ft Cable			
20,000 lb	53481	6 lb	\$927.00
25,000 lb	50559	6 lb	\$927.00
35,000 lb	50560	19 lb	\$1,160.00
50,000 lb	50561	19 lb	\$1,160.00
60,000 lb	50562	19 lb	\$1,095.00
75,000 lb	50563	19 lb	\$1,160.00
100,000 lb	50564	19 lb	\$2,115.00
60 ft Cable			
25,000 lb	157931	6 lb	\$980.00



- Seal Type:** Welded-seal, IP67
- Safe Overload:** 150% full scale
- Safe Sideload:** 100% full scale
- Rated Excitation:** 5-10 VDC (15 V maximum)
- Combined Error:** 0.02% full scale
- Insulation Resistance:** 1,000 megohms
- Cable Length:** 35 ft, 60 ft
- Cable Diameter:** 20,000 lb-25,000 lb=0.200 in
35,000 lb-100,000 lb=0.305 in polyurethane jacket
- Cable Coloring:** Red +Excitation
Black -Excitation
Green +Signal
White -Signal
- Warranty:** Two-year limited warranty
- Approvals:** cFMus, NTEP, Waterproof

Interchangeable Products

VPG® REVERE	
5223—
VPG® SENSORTRONICS®	
65040A-XX-1127W—
ARTECH®	
80210—
THURMAN®	
TSC 800—
UNIBRIDGE®	
DL9000—

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS	
Translink—



APPROVALS



Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	D	E	F	G	H	J	K	L	M	N	P	Q	R
lb/in															
50,000-65,000	10.25	5.12	1.00	0.75	0.78	2.40	4.25	8.50	1.00	2.06	1/2-14 NPT	1.50	3.00	1.03	2.20
100,000	10.25	5.12	1.00	—	—	2.40	4.25	8.50	1.00	2.06	1/2-14 NPT	1.50	3.00	1.03	2.20

Order Information

Load Rating	Part #	Est. Weight	Price
40 ft Cable			
50,000 lb	21611	20 lb	\$900.00
65,000 lb	21612	20 lb	\$900.00
100,000 lb	21613	20 lb	\$1,160.00
60 ft Cable			
50,000 lb	107583	20 lb	\$980.00

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

699-707 ohm

Input Resistance:

686-714 ohm

Material/Finish:

High-alloy steel

Temperature:

Compensated range
14°F to 104°F (-10°C to 40°C)
Operating range
0°F to 150°F (-18°C to 65°C)

Seal Type:

Welded-seal, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Non-repeatability:

0.01% full scale

Combined Error:

0.03% full scale

Insulation Resistance:

5,000 megohms

Deflection at Capacity:

50,000 lb=0.018 in
65,000 lb=0.022 in
100,000 lb=0.034 in

Cable Length:

40 ft
60 ft

Cable Diameter:

0.305 in polyurethane jacket

Cable Color Code:

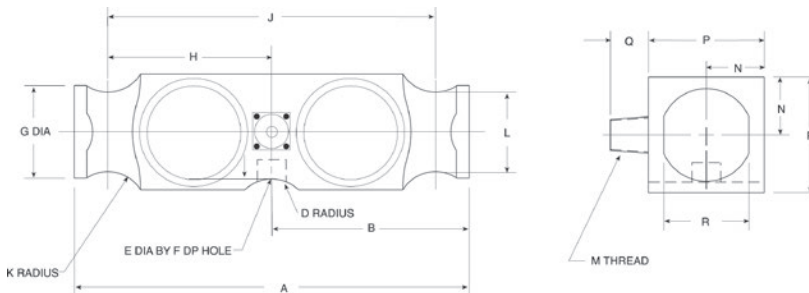
Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:

Two-year limited warranty

Approvals:

cFMus
NTEP



DOUBLE-ENDED BEAM

RLDB50000S

Stainless Steel, Welded Seal, NTEP Certified 1:10,000 IIIIL Multiple Cell, IP67

LOAD CELLS / WEIGH MODULES



APPROVALS



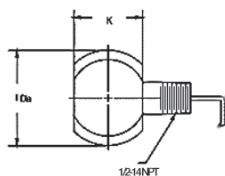
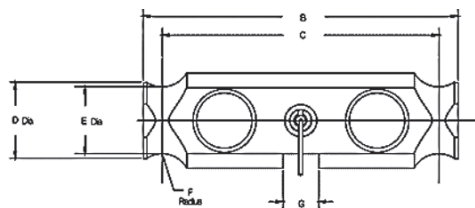
Dimensions

Picture is a representation of actual product

Rated Capacity	B	C	D	E	F	G	K	I
50,000 lb/in	8.25	7.25	2.00	1.76	0.75	0.93	1.8	2.5

Order Information

Load Rating	Part #	Est. Weight	Price
50,000 lb	91765	10 lb	\$1,266.00



Interchangeable Products

CARDINAL®
DB50000S.....-

Specifications

- Full Scale Output:**
2.0 ± 0.1% mV/V
- Output Resistance:**
699-707 ohm
- Input Resistance:**
686-714 ohm
- Material/Finish:**
Stainless steel
- Temperature:**
Compensated Range
14°F to 104°F (-10°C to 40°C)
Operating range
0° F to 150° F (-18° C to 65° C)
- Seal Type:**
Welded-seal, IP67
- Safe Overload:**
150% full Scale
- Safe Sideload:**
100% full Scale
- Rated Excitation:**
5-10 VDC (15 V DC maximum)
- Non-repeatability:**
0.01% full scale
- Combined Error:**
0.03% full scale
- Insulation Resistance:**
5,000 megohms
- Deflection at Capacity:**
0.01 in
- Cable Length:**
35 ft
- Cable Diameter:**
0.305 in polyurethane jacket
- Cable Color Code:**
Red +Excitation
Black -Excitation
White +Signal
Green -Signal
- Warranty:**
Two-year limited warranty
- Approvals:**
cFMus
NTEP

www.ricelake.com | Phone: 800-472-6703

RICE LAKE

Alloy Steel, Environmentally Sealed, NTEP Certified 1:10,000 Class IIIIL Multiple Cell, IP67

Interchangeable Products

- VPG® SENSORTRONICS®
65040A.....—
- ARTECH®
80310.....—
- THURMAN®
TSC 840.....—
- SENTRAN
WD1.....—
- ANYLOAD
102TH.....—

Weigh Module Available

- RICE LAKE WEIGHING SYSTEMS
Translink™.....—

Specifications

- Full Scale Output:**
3.0 mV/V
- Output Resistance:**
700 (± 5) ohm
- Input Resistance:**
770 (± 10) ohm
- Material/Finish:**
High-alloy steel, nickel plated
- Temperature:**
Compensated range
14°F to 104°F (-10°C to 40°C)
Operating range
0° F to 150° F (-18° C to 65° C)
- Seal Type:**
Environmentally sealed, IP67
- Safe Overload:**
150% full scale
- Safe Sideload:**
100% full scale
- Rated Excitation:**
5-10 VDC (15 V maximum)
- Combined Error:**
0.03% full scale
- Insulation Resistance:**
1,000 megohms
- Cable Length:**
35 ft
40 ft
50 ft
- Cable Diameter:**
25,000 lb=0.200 in
40,000-75,000 lb=0.305 in
polyurethane jacket
- Cable Coloring Code:**
Red +Excitation
Black -Excitation
Green +Signal
White -Signal
- Warranty:**
Two-year limited warranty
- Approvals:**
cFMus
NTEP

APPROVALS



Dimensions

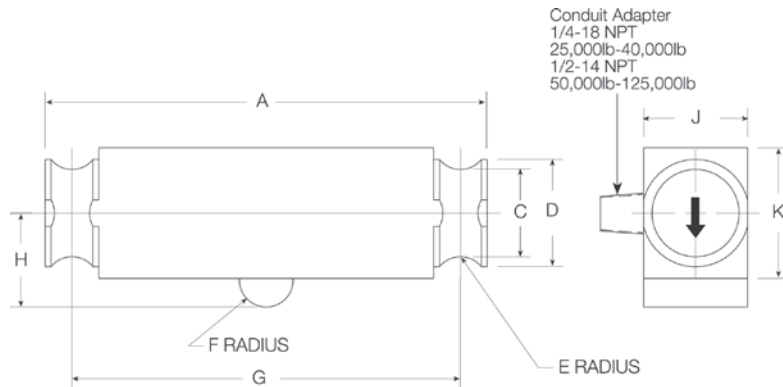
Picture is a representation of actual product

Rated Capacity lb/in	A	C	D	E	F	G	H	J	K
25,000-60,000 SE	8.25	1.63	2.00	0.50	0.50	7.25	1.75	1.94	2.44
50,000 LE-75,000	11.50	1.70	2.20	0.75	1.00	10.00	2.00	1.94	2.94
100,000-125,000	14.50	2.44	3.20	1.00	1.50	12.50	2.75	2.90	3.86

Order Information

Load Rating	Part #	Est. Weight	Price
35 ft Cable			
25,000 lb	21614	11 lb	\$673.00
40,000 lb	21615	12 lb	\$805.00
50,000 lb LE	21616	17 lb	\$885.00
60,000 lb LE	21617	17 lb	\$885.00
75,000 lb	21618	17 lb	\$885.00
100,000 lb	21619	40 lb	\$1,669.00
125,000 lb	21620	40 lb	\$1,669.00
40 ft Cable			
50,000 lb SE	87253	11 lb	\$805.00
60,000 lb SE	53593	11 lb	\$805.00
50 ft Cable			
50,000 lb LE	21621	18 lb	\$917.00
60,000 lb LE	21622	18 lb	\$917.00
75,000 lb	40951	18 lb	\$917.00

SE=small envelope; LE=large envelope



RLCSP1

Stainless Steel, Welded Seal, NTEP Certified 1:10,000 Class III L Multiple Cell, IP67



APPROVALS



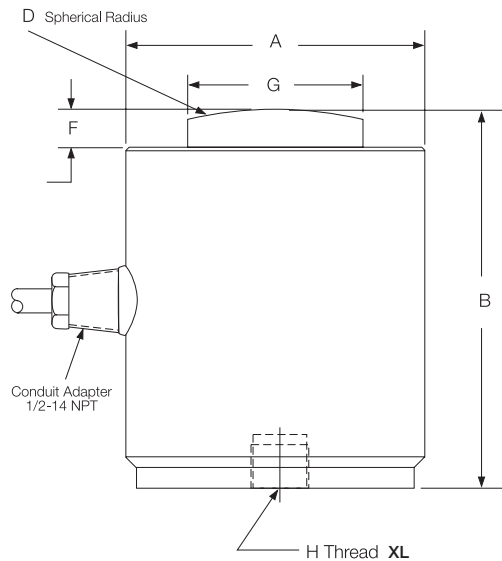
Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	D	F	G	H	L-DEPTH
lb/in							
25,000-50,000	3.00	3.25	6.00	0.40	1.25	1/2-20 UNF	0.31
100,000	4.00	5.00	6.00	0.51	2.31	3/4-16 UNF	0.56
200,000	6.00	7.25	17.00	1.04	3.13	3/4-16 UNF	0.75

Order Information

Load Rating	Part #	Est. Weight	Price
35 ft Cable			
25,000 lb	32702	7 lb	\$1,903.00
50,000 lb	32701	7 lb	\$1,903.00
100,000 lb	32700	15 lb	\$2,226.00
200,000 lb	32699	28 lb	\$3,175.00
80 ft Cable			
200,000 lb	197788	30 lb	\$3,312.00



Interchangeable Products

VPG® REVERE	
CSP	—
VPG® SENSORTRONICS®	
65088-1000	—
VPG® REVERE	
692B	—
HOWE RICHARDSON®	
244699-000X	—
STREETER AMET®	
3760XXX	—

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS	
MagnaMount	—

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

475.2-484.8 ohm

Input Resistance:

445.5-454.5 ohm

Material/Finish:

Stainless steel

Temperature:

Compensated range
14°F to 104°F (-10°C to 40°C)
Operating range
0° F to 150° F (-18° C to 65° C)

Seal Type:

Welded-seal, IP67

Safe Overload:

150% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Combined Error:

0.03% full scale

Non-repeatability:

0.01% full scale

Insulation Resistance:

1,000 megohms

Deflection at Capacity:

25,000-50,000 lb=0.003 in
100,000-125,000 lb=0.006 in

Cable Length:

35 ft
80 ft

Cable Diameter:

0.305 in polyurethane jacket

Cable Color Code:

Green +Excitation
Black -Excitation
White +Signal
Red -Signal
Orange Shield

Warranty:

Two-year limited warranty

Approvals:

cFMus
NTEP

COMPRESSION CANISTER RL8C2P1SST

Stainless Steel, Hermetically Sealed, NTEP Certified 1:10,000 Class III L Multiple Cell, IP68

Interchangeable Products

VPG® REVERE

792

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

350 (± 3.5) ohm

Input Resistance:

350 (± 3.5) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated range
14°F to 104°F (-10°C to 40°C)
Operating range
0°F to 150°F (-18°C to 65°C)

Seal Type:

Hermetically sealed, IP68

Safe Overload:

150% full scale

Rated Excitation:

10 VDC (15 V maximum)

Non-repeatability:

0.01% full scale

Combined Error:

0.03% full scale

Insulation Resistance:

>1,000 megohms

Deflection at Capacity:

50,000 lb=0.004 in
100,000 lb=0.006 in
200,000 lb=0.009 in

Cable Length:

35 ft

Cable Color Code:

Green +Excitation
Black -Excitation
White +Signal
Red -Signal
Orange Shield

Warranty:

Two-year limited warranty

Approvals:

cFMus
NTEP

APPROVALS



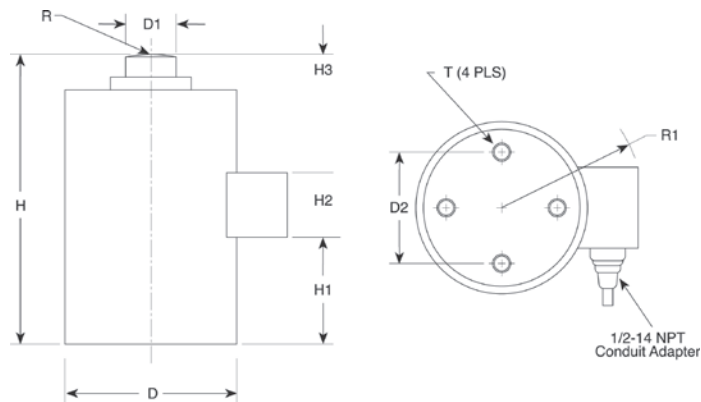
Dimensions

Picture is a representation of actual product

Rated Capacity	D	D1	D2	H	H1	H2	H3	R	R1	T
lb/in										
50,000	4.50	1.25	2.38	7.50	1.17	0.75	0.75	8.00	3.75	3/8-24 UNF × .63 DP
100,000	5.75	1.75	4.00	9.13	2.00	0.87	1.05	12.00	4.05	1/2-20 UNF × .75 DP
200,000	7.50	2.50	5.50	11.63	2.93	0.97	0.97	12.00	5.11	5/8-18 UNF × 25.4 DP

Order Information

Load Rating	Part #	Est. Weight	Price
50,000 lb	34855	20 lb	\$2,325.00
100,000 lb	34856	36 lb	\$2,325.00
200,000 lb	34857	75 lb	\$3,598.00



LOAD CELLS / WEIGH MODULES

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RICE LAKE

721

ROCKER COLUMN

RLSCA-50K

Stainless Steel, Welded Seal, NTEP Certified 1:10,000 Class III L Multiple Cell, IP67

LOAD CELLS / WEIGH MODULES



APPROVALS



Interchangeable Products

CARDINAL®
SCA-50K..... -

Specifications

- Full Scale Output:**
2 mv/V nominal
- Output Resistance:**
1,050 (± 10) ohm
- Input Resistance:**
1,100-1,500 ohm
- Material/Finish:**
Stainless Steel
- Temperature:**
Compensated range
14°F to 104°F (-10°C to 40°C)
Operating range
0° F to 150° F (-18° C to 65° C)

Dimensions

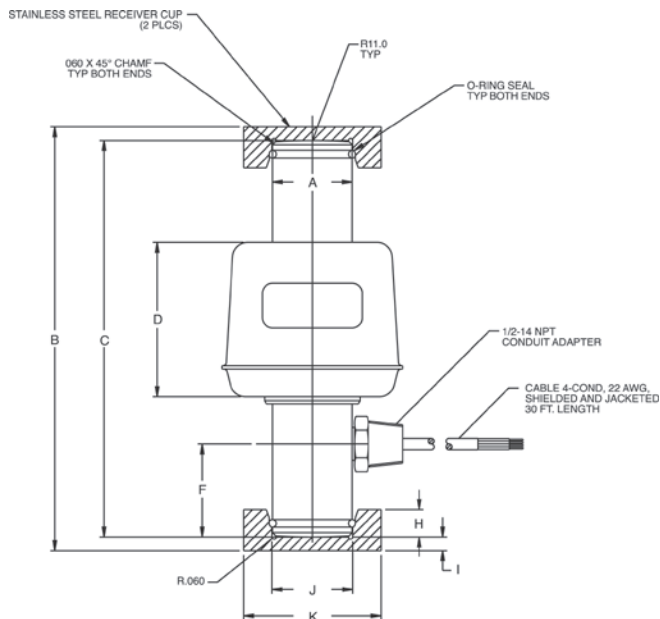
Picture is a representation of actual product

Rated Capacity	A	B	C	D	F	H	I	J	K
50,000 lb/in	1.46	7.75	7.25	2.82	1.70	0.50	0.25	1.48	2.50

Order Information

Load Rating	Part #	Est. Weight	Price
50,000 lb*	68918	7 lb	\$1,055.00
Replacement Parts			
Replacement load cup set upper and lower included	85433	1lb	\$100.00
Replacement O-ring	92988	1lb	\$1.00/each

*Load cell supplied with load cups



- Seal Type:**
Welded-seal, IP67
- Safe Overload:**
150% full scale
- Rated Excitation:**
5-10 VDC (15 V maximum)
- Combined Error:**
0.025% full scale
- Non-repeatability:**
0.01% full scale
- Insulation Resistance:**
1,000 megohms
- Cable Length:**
30 ft
- Cable Diameter:**
0.200 in polyurethane jacket
- Cable Color Code:**
Green +Excitation
Black -Excitation
Red +Signal
White -Signal
- Warranty:**
Two-year limited warranty
- Approvals:**
NTEP
cFMus

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RICELAKE

RL70510-30 t/RL80453-100,000 lb

Stainless Steel, Hermetically Sealed, NTEP Certified 1:10,000 Class III L, IP69K

Interchangeable Products

FAIRBANKS®

70510 LCF HR 4020-2A

FAIRBANKS

80453 LCF HR 4020-21

Specifications

Full Scale Output:

2.0 mV/v

Output Resistance:

1,000 (± 2) ohm

Input Resistance:

1,150 (± 50) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated range

14°F to 104°F (-10°C to 40°C)

Operating range

0° F to 150° F (-18° C to 65° C)

Seal Type:

Hermetically sealed, IP69K

Safe Overload:

200% full scale

Rated Excitation:

5-10 VDC (15 V max)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohms

Cable Length:

15 ft

Cable Diameter:

0.200 in stainless steel overbraid cable

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Yellow Shield

Warranty:

Two-year limited warranty

Approvals:

NTEP



APPROVALS



Dimensions

Picture is a representation of actual product

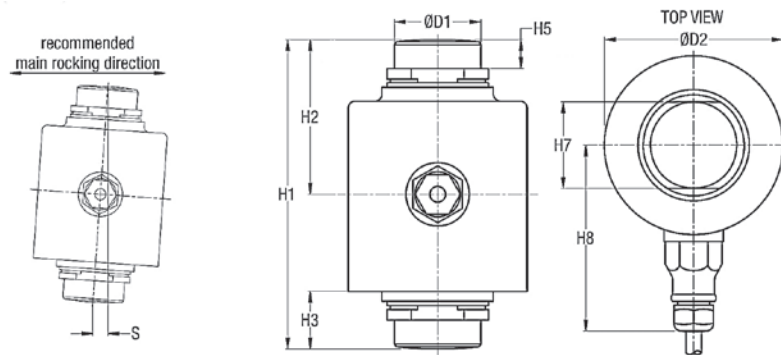
Rated Capacity	H1	H2	H3	H5	H7	H8	D1	D2
t/in								
30	5.51	2.76	1.02	0.51	1.54	3.32	1.54	3.18
lb/in								
100,000	5.91	2.95	1.30	0.51	1.54	3.32	1.54	3.18

Order Information: RL70510

Load Rating	Part #	Est. Weight	Price
30t	169363	6 lb	\$1,044.00
Upper load cup	109332	4 lb	\$143.00
Lower load cup	109331	4 lb	\$116.00

Order Information: RL80453

Load Rating	Part #	Est. Weight	Price
100,000 lb	169365	6 lb	\$1,070.00
Upper load cup	109332	4 lb	\$143.00
Lower load cup	109331	4 lb	\$116.00



ROCKER COLUMN

RL75114-50K

Stainless Steel, Welded Seal, NTEP Certified 1:10,000 Class III L, IP67

LOAD CELLS / WEIGH MODULES



APPROVALS



Interchangeable Products

FAIRBANKS®
64166..... LCF HR 4020-2

Specifications

- Full Scale Output:**
1.8 mV/v nominal
- Output Resistance:**
1,000 (± 10) ohm
- Input Resistance:**
1,000 ohm
- Material/Finish:**
Stainless steel
- Temperature:**
Compensated range
14°F to 104°F (-10°C to 40°C)
Operating range
0° F to 150° F (-18° C to 65° C)
- Seal Type:**
Welded-seal, IP67
- Safe Overload:**
150% full scale
- Rated Excitation:**
5-10 VDC
- Combined Error:**
0.025% full scale
- Non-repeatability:**
0.01% full scale
- Insulation Resistance:**
1,000 megohms
- Cable Length:**
30 ft
- Cable Diameter:**
0.200 in overbraid cable
- Cable Color Code:**
Green +Excitation
Black -Excitation
White +Signal
Red -Signal
- Warranty:**
Two-year limited warranty
- Approvals:**
NTEP
cFMus

Dimensions

Picture is a representation of actual product

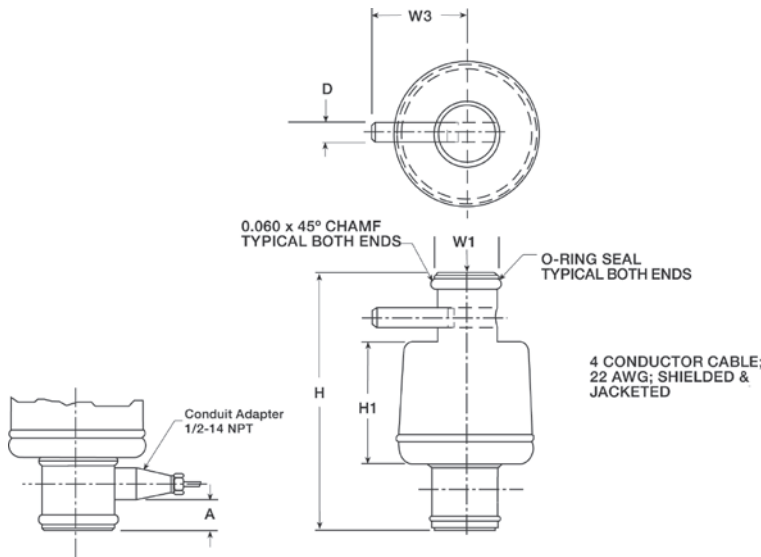
Rated Capacity	A	D	H	H1	W1	W3
50,000 LE	0.87	0.38	7.56	2.82	1.46	2.18

Order Information

Load Rating	Part #	Est. Weight	Price
50,000 lb LE	88074	6 lb	\$1,266.00

Replacement Parts			
Replacement O-ring	92988	1lb	\$1.00
Spring pin	116181	1lb	\$5.00

LE=Large envelope
 Not interchangeable with Sensortronics 65114 - different mV/v



www.ricelake.com | Phone: 800-472-6703

RICELAKE

COMPRESSION DISK RL90000

Alloy Steel, Environmentally Sealed, IP67

Interchangeable Products

VPG® CELTRON

LCD.....

Specifications

Full Scale Output:

4.0 mV/V

Output Resistance:

5,000 lb-50,000 lb=350 (± 3) ohm

100,000 lb=700 (± 5) ohm

Input Resistance:

5,000 lb-50,000 lb=385 (± 5) ohm

100,000 lb =770 (± 70) ohm

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Operating range

0° F to 150° F (-18° C to 65° C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

15 VDC (15 V maximum)

Nonlinearity:

0.05% full scale

Hysteresis:

0.02% full scale

Insulation Resistance:

2,000 megohms

Cable Length:

50 ft

Cable Diameter:

5,000-25,000 lb=0.200 in

50,000-100,000 lb=0.305 in
polyurethane jacket

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

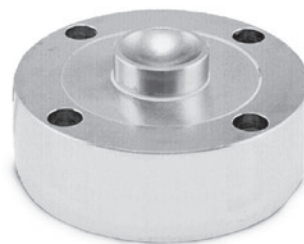
White -Signal

Warranty:

Two-year limited warranty

Approvals:

cFMus



25K shown



5K shown

Load cup sold separately on 5,000 and 10,000 lb models.

APPROVALS



Dimensions

Picture is a representation of actual product

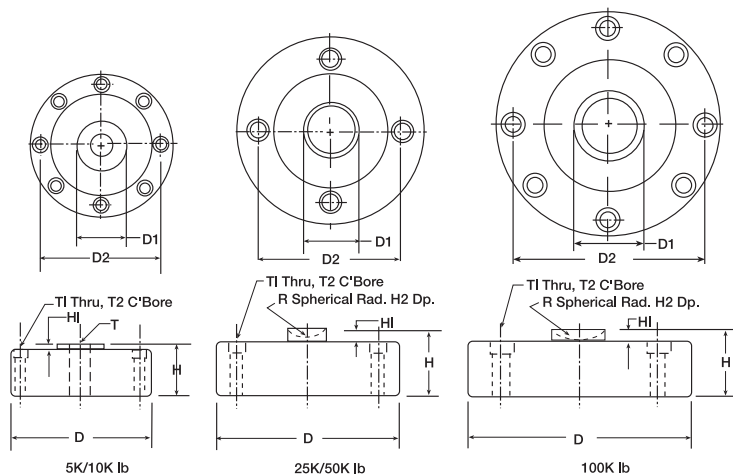
Rated Capacity	T	R	D	D1	D2	H	H1	H2	T1	T2	
lb/in											
5,000*-10,000*	5/8-18 UNF-3B	—	4.12	1.26	3.50	1.37	0.12	—	0.28	0.406 × 0.283 DP	
25,000-50,000	—	—	0.875	4.75	1.53	4.00	2.12	0.50	0.30	0.34	0.508 × 0.38 DP
100,000	—	—	0.875	5.50	1.98	4.60	2.25	0.25	0.30	0.41	0.626 × 0.4 DP

Order Information

Load Rating	Part #	Est. Weight	Price
5,000 lb*	33061	6 lb	\$689.00
10,000 lb*	33062	6 lb	\$689.00
25,000 lb	33063	9 lb	\$843.00
50,000 lb	33064	9 lb	\$843.00
100,000 lb	33065	13 lb	\$990.00
Load Cup**	33616		\$37.00

*5,000lb and 10,000lb models can be used in compression and tension load applications.

**Load cup, PN 33616, is required for compression applications on 5,000lb and 10,000lb capacity load cells.



LOAD CELLS / WEIGH MODULES

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RICE LAKE

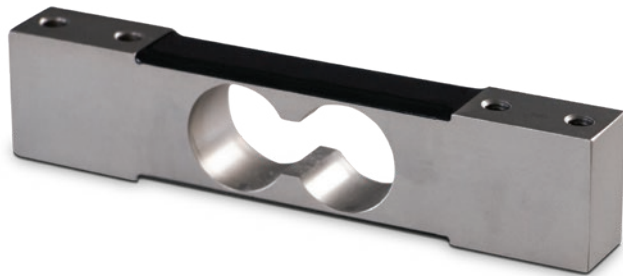
NEW

SINGLE POINT

RLPC3SS

Stainless Steel, Environmentally Sealed, NTEP Certified 1:3,000 Class III Single Cell, IP67

LOAD CELLS / WEIGH MODULES



APPROVALS



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL1380..... —

FLINTEC

PC3..... —

HBM®

PWS..... —

Specifications

Full Scale Output:

2 mv/v

Output Resistance:

350 (± 10) ohms

Input Resistance:

385 (± 15) ohms

Material Finish:

Stainless steel

Temperature Compensation:

Compensated Range

14°F to 104°F (-10°C to 40°C)

Operating Range

0°F to 150°F (-18°C to 65°C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5-10 VDC

Insulation Resistance:

5,000 megohms

Max Platform Size:

7-30 kg=350mm × 350mm

60-150 kg=450mm × 450mm

Combined Error:

0.02% full scale

Cable Length:

10 ft

Cable Diameter:

0.140 in polyurethane jacket

Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Yellow Shield

Warranty:

One-year limited warranty

Approvals:

NTEP

OIML

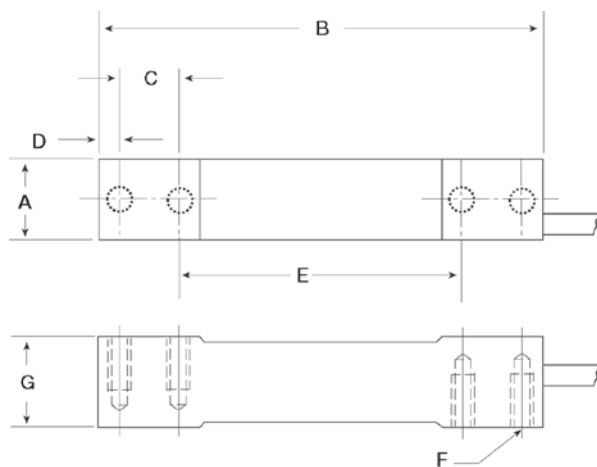
Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G
kg/mm							
7-10	30.2	139.7	19.1	6.4	88.9	1/4-20 UNC	19.1
30-60	30.2	139.7	19.1	6.4	88.9	1/4-20 UNC	23.9
100-150	30.2	139.7	22.3	7.8	79.2	3/8-16 UNC	30.7

Order Information

Load Rating	Part #	Est. Weight	Price
7 kg	205274	2 lb	\$328.00
10 kg	205275	2 lb	\$328.00
30 kg	205276	2 lb	\$328.00
60 kg	205277	2 lb	\$328.00
100 kg	205278	2 lb	\$328.00
150 kg	205279	2 lb	\$328.00



www.ricelake.com | Phone: 800-472-6703

RICE LAKE

NEW

SINGLE POINT

RLPC4SS-HE

Stainless Steel, Hermetically Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP68

Interchangeable Products

FLINTEC

PC4

HBM®

PW15AH*

*350 Ohms

Specifications

Full Scale Output:

2 mv/v

Output Resistance:

960 (± 50) ohms

Input Resistance:

1100 (± 50) ohms

Material Finish:

Stainless Steel

Temperature Compensation:

Compensated Range

14°F to 104°F (-10°C to 40°C)

Operating Range

0°F to 150°F (-18°C to 65°C)

Seal Type:

Hermetically sealed, IP68

Safe Overload:

150% full scale

Rated Excitation:

5-10 VDC

Insulation Resistance:

Greater than 5,000 megohms

Max Platform Size:

500 mm × 400 mm

Combined Error:

0.02% full scale

Cable Length:

10 ft

Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Blue +Sense

Brown -Sense

Yellow Shield

Warranty:

One-year limited warranty

Approvals:

NTEP

OIML

APPROVALS



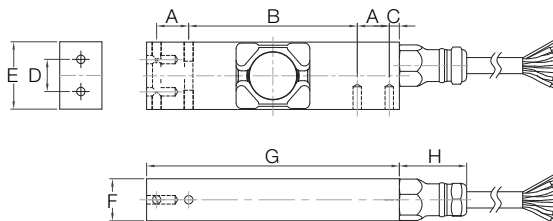
Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H
kg/mm								
10-100	19.00	100.00	6.00	19.10	40.00	25.00	150.00	40.00

Order Information

Load Rating	Part #	Est. Weight	Price
10 kg	205270	3 lb	\$630.00
20 kg	205271	3 lb	\$630.00
50 kg	205272	3 lb	\$630.00
100 kg	205273	3 lb	\$630.00



LOAD CELLS / WEIGH MODULES

www.ricelake.com | Phone: 800-472-6703

RICE LAKE

SINGLE POINT
RLPC6

Stainless Steel, Hermetically Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP69K



APPROVALS



Interchangeable Products	
FLINTEC	
PC6-

Specifications

- Full Scale Output:**
2.0 mv/v
- Output Resistance:**
960 (± 50) ohm, nominal
- Input Resistance:**
1,100 (± 50) ohm
- Material/Finish:**
Stainless steel
- Temperature:**
Compensated range
14° F to 104° F (-10° C to 40° C)
Operating range
0° F to 150° F (-18° C to 65° C)

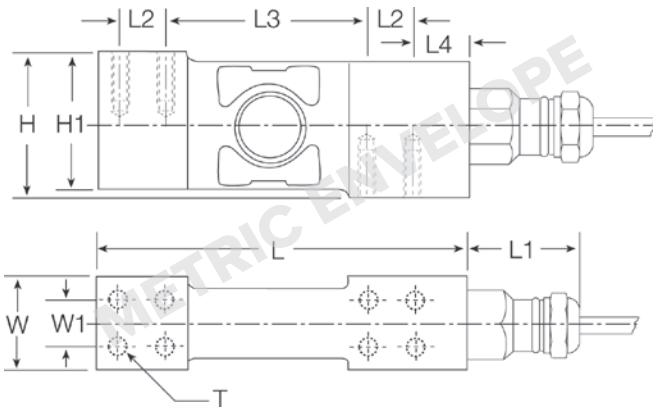
Dimensions

Picture is a representation of actual product

Rated Capacity	H	H1	L	L1	L2	L3	L4	W	W1	T
kg/mm										
10-200	48.0	45.5	123.0	41.0	15.2	67.6	17.8	30.1	15.2	8 × M6/15DP

Order Information

Load Rating	Part #	Est. Weight	Price
10 kg	87027	3 lb	\$630.00
20 kg	87028	3 lb	\$630.00
50 kg	87029	3 lb	\$630.00
100 kg	87030	3 lb	\$630.00
200 kg	87031	3 lb	\$630.00



- Seal Type:**
Hermetically sealed, IP69K
- Safe Overload:**
200% full scale
- Safe Sideload:**
100% full scale
- Rated Excitation:**
5-10 VDC
- Combined Error:**
0.02% full scale
- Insulation Resistance:**
5,000 megohms
- Cable Length:**
10 ft
- Cable Diameter:**
0.196 in polyurethane jacket
- Cable Color Code:**
Green +Excitation
Black -Excitation
White +Signal
Red -Signal
Yellow Shield
- Max Deflection:**
0.006-0.010 in
- Max Platform Size:**
24 in × 24 in
- Warranty:**
Two-year limited warranty
- Approvals:**
FM
NTEP

Interchangeable Products

HBM®
PW15AH.....-

Specifications

- Full Scale Output:**
2.0 mV/V
- Output Resistance:**
350 (± 10) ohm
- Input Resistance:**
380 (± 15) ohm
- Material/Finish:**
Stainless steel
- Temperature:**
Compensated range
14°F to 104°F (-10°C to 40°C)
Operating range
0° F to 150° F (-18° C to 65° C)
- Seal Type:**
Hermetically sealed, IP69K
- Safe Overload:**
150% full scale
- Rated Excitation:**
5-10 VDC (15 V maximum)
- Combined Error:**
0.02% full scale
- Insulation Resistance:**
1,000 megohms
- Cable Length:**
10 ft
2.83 ft
- Cable Diameter:**
0.212 in PVC jacket
- Cable Color Code:**
Blue +Excitation
Black -Excitation
White +Signal
Red -Signal
Green +Sense
Grey -Sense
- Warranty:**
Two-year limited warranty
- Approvals:**
FM
NTEP

APPROVALS



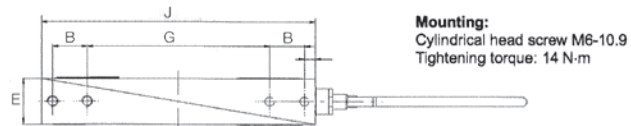
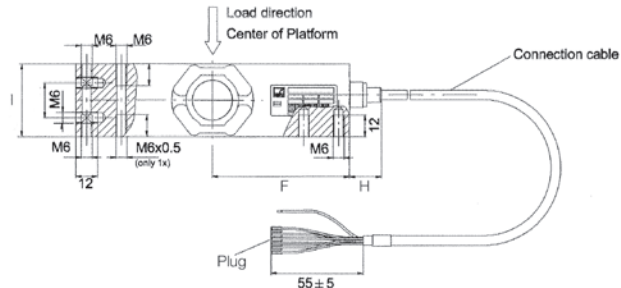
Dimensions

Picture is a representation of actual product

Rated Capacity	B	E	F	G	H	I	J
kg/mm							
10-100	19.0	25.0	75.0	100.0	17.5	40.0	150.0

Order Information: 10 ft cables

Load Rating	Part #	Est. Weight	Price
10 ft Cable			
10 kg	108685	3 lb	\$768.00
20 kg	108686	3 lb	\$768.00
50 kg	108687	3 lb	\$768.00
100 kg	108688	3 lb	\$768.00
2.83 ft Cable			
10 kg	107174	3 lb	\$768.00
20 kg	107175	3 lb	\$768.00
50 kg	107176	3 lb	\$768.00
100 kg	107177	3 lb	\$768.00



SINGLE POINT
RLPWM15

Stainless Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP67



APPROVALS



Interchangeable Products	
HBM®	
PW15 —
VPG® TEDEA-HUNTLEIGH	
1142 —

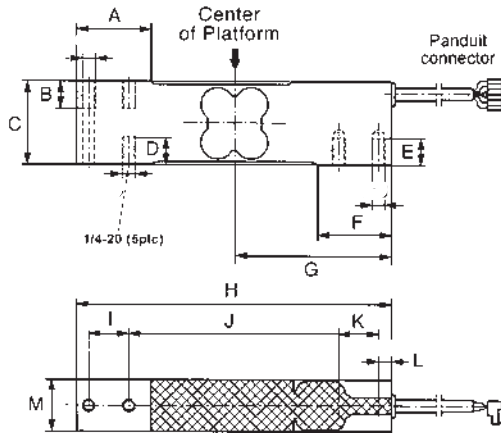
Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	I	J	K	L	M	T
kg/mm														
10 - 150	35.0	13.0	40.0	13.0	13.0	35.0	75.0	150.0	19.0	100.0	19.0	6.2	25.0	1/4-20 UNC

Order Information

Load Rating	Part #	Est. Weight	Price
10 kg	119904	1 lb	\$344.00
15 kg	119912	1 lb	\$344.00
20 kg	119905	1 lb	\$344.00
30 kg	119906	1 lb	\$344.00
50 kg	119908	1 lb	\$344.00
75 kg	119909	1 lb	\$344.00
100 kg	119910	1 lb	\$344.00
150 kg	119911	1 lb	\$344.00



Specifications

- Full Scale Output:** 2.0 mV/V
- Bridge Resistance:** 350 ohm, nominal
- Material/Finish:** Stainless steel
- Temperature:** Compensated range 14°F to 104°F (-10°C to 40°C)
Operating range 0° F to 150° F (-18° C to 65° C)
- Seal Type:** Environmentally sealed, IP67
- Safe Overload:** 150% full scale
- Rated Excitation:** 5-10 VDC (15 V maximum)
- Combined Error:** 0.02% full scale
- Insulation Resistance:** 1,000 megohms
- Cable Length:** 10 ft
- Cable Diameter:** 0.190 in PVC jacket
- Max Platform Size:** 15 in x 15 in
- Cable Color Code:** Blue +Excitation
Black -Excitation
White +Signal
Red -Signal
Green +Sense
Grey -Sense
- Warranty:** Two-year limited warranty
- Approvals:** FM
NTEP

Specifications

Full Scale Output:
2 mv/v

Output Resistance:
960 (± 50) ohm

Input Resistance:
1,100 (± 50) ohm

Material/Finish:
Stainless steel

Temperature:
Compensated range:
14° F to 104° F (-10° C to 40° C)
Operating range
0° F to 150° F (-18° C to 65° C)

Seal Type:
Hermetically sealed, IP69K

Safe Overload:
200% full scale

Safe Sideload:
100% full scale

Rated Excitation:
5-10 VDC

Combined Error:
0.020% full scale

Insulation Resistance:
5,000 megohms

Cable Length:
10 ft

Cable Diameter:
0.196 in polyurethane jacket

Cable Color Code:
Green +Excitation
Black -Excitation
White +Signal
Red -Signal
Blue +Sense
Brown -Sense
Yellow Shield

Max Platform Size:
24 in × 24 in

Warranty:
Two-year limited warranty

Approvals:
FM
NTEP

APPROVALS



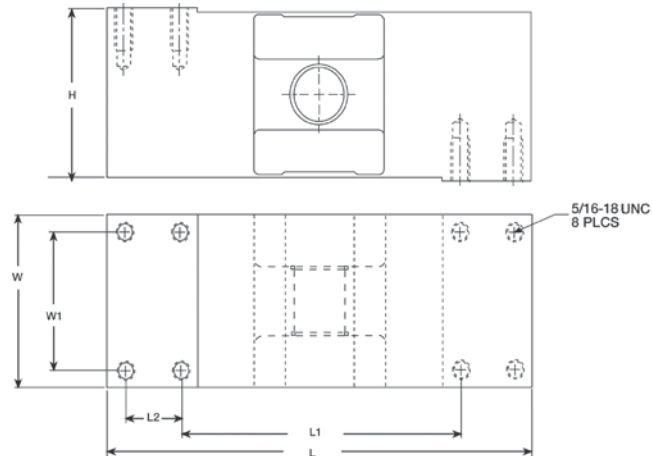
Dimensions

Picture is a representation of actual product

Rated Capacity	L	L1	L2	W	W1	H
kg/mm						
50-1,000	190.5	107.0	35.0	73.7	50.0	73.7

Order Information

Load Rating	Part #	Est. Weight	Price
50 kg	87022	12 lb	\$980.00
100 kg	87023	12 lb	\$980.00
250 kg	87024	13 lb	\$980.00
500 kg	87025	13 lb	\$980.00
1,000 kg	87026	15 lb	\$925.00



SINGLE POINT
RL1521A

Aluminum, Environmentally Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP66



APPROVALS



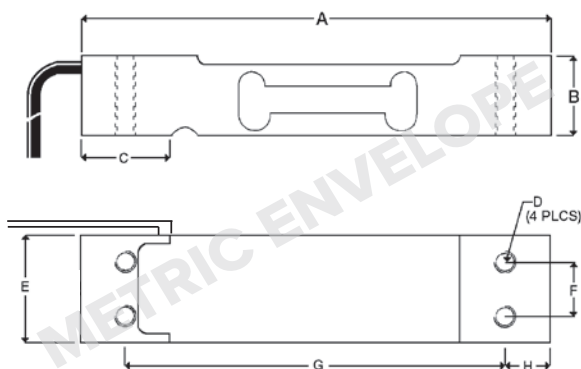
Dimension

Picture is a representation of actual products

Rated Capacity	A	B	C	D	E	F	G	H
kg/mm								
3-7	130.0	22.0	25.0	M6 x 1.0	25.4	15.0	106.0	12.0
10-30	130.0	22.0	25.0	M6 x 1.0	30.0	15.0	106.0	12.0
35	130.0	22.0	25.0	M6 x 1.0	40.0	15.0	106.0	12.0

Order Information:

Load Rating	Part #	Est. Weight	Price
1.50 ft Cables			
3 kg	50620	1 lb	\$148.00
5 kg	50619	1 lb	\$148.00
7 kg	50621	1 lb	\$148.00
10 kg	50622	1 lb	\$148.00
15 kg	50623	1 lb	\$148.00
20 kg	50624	1 lb	\$148.00
30 kg	50625	1 lb	\$148.00
35 kg	50626	1 lb	\$148.00
10 ft Cables			
3 kg	132261	3 lb	\$148.00
5 kg	132262	3 lb	\$148.00
7 kg	132263	3 lb	\$148.00
10 kg	132264	3 lb	\$148.00
15 kg	132265	3 lb	\$148.00
20 kg	132266	3 lb	\$148.00
30 kg	132267	3 lb	\$148.00
35 kg	132268	3 lb	\$148.00



Interchangeable Products

- VPG® CELTRON
- LPS** except 3 kg
- VPG® TEDEA-HUNTLEIGH
- 1022**
- VPG® BLH
- C2G1**
- FAIRBANKS®
- 4900 Series**
- Checkweighers**
- NMB®
- C2G1**
- ARTECH®
- 61022**

Specifications

- Full Scale Output:**
2.0 mV/V
- Output Resistance:**
350 (± 3) ohm
- Input Resistance:**
410 (± 15) ohm
- Material/Finish:**
Aluminum
- Temperature:**
Compensated range
14°F to 104°F (-10°C to 40°C)
Operating range
0° F to 150° F (-18° C to 65° C)
- Seal Type:**
Environmentally sealed, IP66
- Safe Overload:**
150% full scale
- Rated Excitation:**
5-10 VDC (15 V maximum)
- Combined Error:**
0.03% full scale
- Insulation Resistance:**
2,000 megohms
- Cable Length:**
10 ft
1.50 ft
- Cable Diameter:**
0.14 in PVC jacket
- Cable Color Code:**
Green +Excitation
Black -Excitation
Red +Signal
White -Signal
- Max Platform Size:**
13.75 in x 13.75 in
- Warranty:**
Two-year limited warranty
- Approvals:**
cFMus
NTEP

Aluminum, NTEP Certified 1:5,000 Class III Single Cell, Potted and Unpotted, IP65/IP67

Interchangeable Products

VPG® TEDEA-HUNTLEIGH
1010/1015.....—

Specifications

- Full Scale Output:**
2.0 mV/V
- Output Resistance:**
350 (± 3) ohms, nominal
- Input Resistance:**
415 (± 15) ohms
- Material/Finish:**
Anodized aluminum
- Temperature:**
Compensated range
14°F to 104°F (-10°C to 40°C)
Operating range
0° F to 150° F (-18° C to 65° C)
- Seal Type:**
Potted, IP67
Unpotted, IP65
- Safe Overload:**
150% at center of loading point, full scale
- Rated Excitation:**
5-10 VDC (15 V maximum)
- Combined Error:**
0.02% full scale
- Insulation Resistance:**
5,000 megohms
- Deflection at Capacity:**
3-90 kg=0.015 in
- Cable Length:**
Potted 10ft
Unpotted 3 ft
- Cable Diameter:**
0.200 in PVC jacket
- Cable Color Code:**
Green +Excitation
Black -Excitation
Red +Signal
White -Signal
Blue +Sense
Brown -Sense
- Max Platform Size:**
15.75 in × 15.75 in
- Warranty:**
Two-year limited warranty
- Approvals:**
cFMus
NTEP

APPROVALS



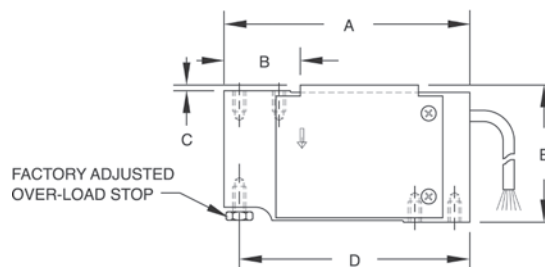
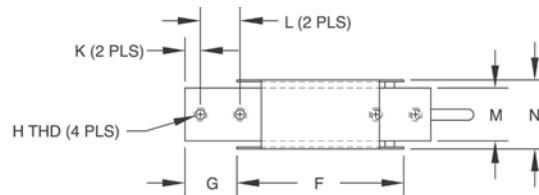
Picture is a representation of actual product

Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	K	L	M	N
kg/mm												
3-90	118.1	34.0	3.0	110.5	66.0	80.0	25.0	1/4-20 UNC × 13 DP	7.5	19.1	25.4	33.5

Order Information

Load Rating	Part #	Est. Weight	Price
NTEP Certified, Potted			
10 kg	50819	2 lb	\$205.00
15 kg	50820	2 lb	\$205.00
20 kg	50821	2 lb	\$205.00
30 kg	50822	2 lb	\$205.00
50 kg	50823	2 lb	\$205.00
Non-NTEP Certified, Potted			
7 kg	17529	2 lb	\$205.00
10 kg	17530	2 lb	\$205.00
15 kg	17531	2 lb	\$195.00
20 kg	17532	2 lb	\$205.00
30 kg	17533	2 lb	\$205.00
50 kg	17534	2 lb	\$205.00
90 kg	17535	2 lb	\$205.00
Non-NTEP Certified, Unpotted			
3 kg	17527	1lb	\$190.00
5 kg	17528	1 lb	\$190.00



SINGLE POINT
RL1040

Aluminum, NTEP Certified 1:5,000 Class III Single Cell, Potted and Unpotted, IP65/IP67



APPROVALS



Interchangeable Products

VPG® TEDEA-HUNTLEIGH	
1040
CARDINAL	
TSP

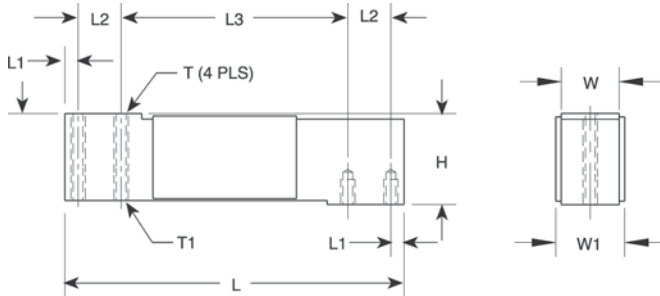
Dimensions

Picture is a representation of actual product

Rated Capacity	H	L	L1	L2	L3	T	T1	W	W1
kg/mm									
5-100	40.0	150.0	5.95	19.1	100.0	1/4-20 UNC × 10 DP	1/4-28 UNF × 10 DP	25.4	29.4

Order Information

Load Rating	Part #	Est. Weight	Price
Potted IP67			
7 kg	32860	2 lb	\$206.00
10 kg	32861	2 lb	\$206.00
15 kg	32862	2 lb	\$206.00
20 kg	32863	2 lb	\$206.00
30 kg	32864	2 lb	\$206.00
50 kg	32865	2 lb	\$206.00
100 kg	32866	2 lb	\$206.00
Unpotted IP65			
5 kg	32859	2 lb	\$206.00



Specifications

- Full Scale Output:** 2.0 mV/V
- Output Resistance:** 350 (± 3) ohm
- Input Resistance:** 415 (± 5) ohm
- Material/Finish:** Anodized aluminum
- Temperature:** Compensated range 14°F to 104°F (-10°C to 40°C)
Operating range 0° F to 150° F (-18° C to 65° C)

- Seal Type:** Potted, IP67
Unpotted, IP65
- Safe Overload:** 200% at center loading point, full scale

- Rated Excitation:** 5-10 VDC (15 V maximum)
- Combined Error:** 0.02% full scale

- Insulation Resistance:** 2,000 megohms
- Deflection at Capacity:** 0.4 mm

- Cable Length:** 10 ft
- Cable Diameter:** 0.200 in PVC jacket

- Cable Color Code:** Green +Excitation
Black -Excitation
Red +Signal
White -Signal
Blue +Sense
Brown -Sense

- Max Platform Size:** 15.75 in × 15.75 in

- Warranty:** Two-year limited warranty

- Approvals:** cFMus
NTEP

Interchangeable Products

VPG® TEDEA-HUNTLEIGH
1140.....

Specifications

- Full Scale Output:**
2.0 mV/V
- Output Resistance:**
350 (± 3) ohm, nominal
- Input Resistance:**
415 (± 15) ohm
- Material/Finish:**
Stainless steel
- Temperature:**
Operating range
0° F to 150° F (-18° C to 65° C)
- Seal Type:**
Environmentally sealed, IP67
- Safe Overload:**
200% at center loading point,
full scale
- Rated Excitation:**
5-10 VDC (15 V maximum)
- Combined Error:**
0.02% full scale
- Insulation Resistance:**
2,000 megohms
- Deflection at Capacity:**
0.4 mm
- Cable Length:**
10 ft
- Cable Diameter:**
0.200 in PVC jacket
- Cable Color Code:**
Green +Excitation
Black -Excitation
Red +Signal
White -Signal
Blue +Sense
Brown -Sense
- Max Platform Size:**
15.75 in × 15.75 in
- Warranty:**
Two-year limited warranty

Approvals:
cFMus



APPROVALS



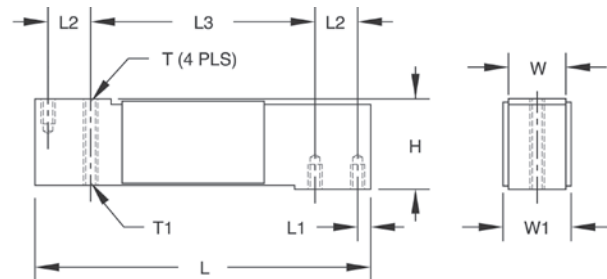
Dimensions

Picture is a representation of actual product

Rated Capacity	H	L	L1	L2	L3	T	T1	W	W1
kg/mm									
15-150	40.0	150.0	6.0	19.1	100.0	1/4-20 UNC × 10 DP	1/4-28 UNF × 10 DP	25.4	29.4

Order Information

Load Rating	Part #	Est. Weight	Price
15 kg	17544	3 lb	\$339.00
30 kg	17545	3 lb	\$339.00
50 kg	17546	3 lb	\$339.00
75 kg	17547	3 lb	\$339.00
100 kg	17548	3 lb	\$339.00
150 kg	36467	3 lb	\$339.00



SINGLE POINT
RL1380

Stainless Steel, Environmentally Sealed, NTEP Certified 1:3,000 Class III Single Cell, IP67



APPROVALS



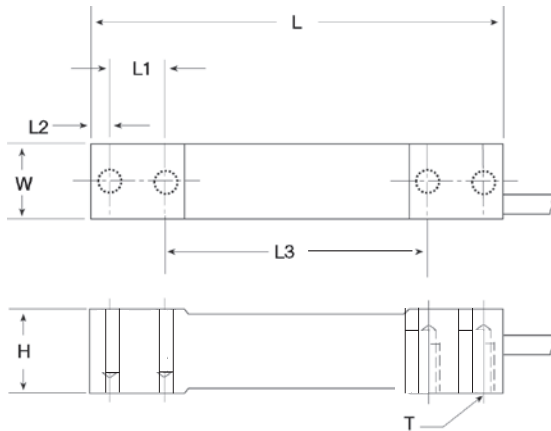
Picture is a representation of actual product

Dimensions

Rated Capacity	W	L	L1	L2	L3	T	H
kg/mm							
7-15	19.1	139.7	19.1	6.4	88.9	1/4-20 UNC	30.2
30-60	23.9	139.7	19.1	6.4	88.9	1/4-20 UNC	30.2

Order Information

Load Rating	Part #	Est. Weight	Price
7 kg	30783	2 lb	\$344.50
10 kg	30782	2 lb	\$344.50
15 kg	30781	2 lb	\$344.50
30 kg	30780	2 lb	\$344.50
60 kg	30779	2 lb	\$344.50



Interchangeable Products

HBM®
 PWS.....-

Specifications

- Full Scale Output:**
2.0mV/V
- Output Resistance:**
359 (± 10) ohm
- Input Resistance:**
390 (± 15) ohm
- Material/Finish:**
Stainless steel
- Temperature:**
Compensated range
14°F to 104°F (-10°C to 40°C)
Operating range
0° F to 150° F (-18° C to 65° C)
- Seal Type:**
Environmentally sealed, IP67
- Safe Overload:**
150% full scale
- Rated Excitation:**
5-10 VDC (15 V maximum)
- Combined Error:**
0.03% full scale
- Insulation Resistance:**
5,000 megohms
- Cable Length:**
10 ft
- Cable Diameter:**
0.190 in polyurethane jacket
- Deflection:**
<0.4mm full scale
- Max Platform Size:**
15.75in × 15.75in
- Cable Color Code:**
Green +Excitation
Black -Excitation
White +Signal
Red -Signal
Yellow Shield
- Warranty:**
Two-year limited warranty
- Approvals:**
FM
NTEP

Interchangeable Products

FLINTEC
PC1.....

Specifications

- Full Scale Output:**
2.0 mV/V
- Output Resistance:**
330 (± 25) ohm
- Input Resistance:**
390 (± 20) ohm
- Material/Finish:**
Stainless steel
- Temperature:**
Operating range
0° F to 150° F (-18° C to 65° C)
- Seal Type:**
Environmentally sealed, IP67
- Safe Overload:**
200% full scale
- Rated Excitation:**
5 VDC (15 V maximum)
- Combined Error:**
0.02% full scale
- Insulation Resistance:**
5,000 megohms
- Cable Length:**
10 ft
- Cable Diameter:**
0.196 in polyurethane jacket
- Max Platform Size:**
18 in × 18 in
- Cable Color Code:**
Green +Excitation
Black -Excitation
White +Signal
Red -Signal
Yellow Shield
- Warranty:**
Two-year limited warranty
- Approvals:**
FM
NTEP

APPROVALS



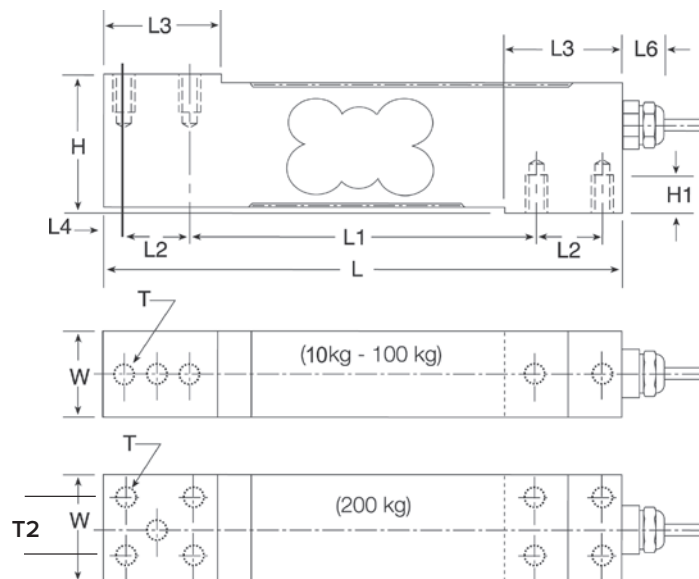
Dimensions

Picture is a representation of actual product

Rated Capacity	H	H1	L	L1	L2	L3	L4	L6	W	T	T2
kg/mm											
10-100	40.0	10.0	150.0	100.0	19.0	32.0	6.0	20.0	25.4	1/4-20 UNC × 19.1DP	N/A
200	40.0	10.0	150.0	100.0	19.0	32.0	6.0	20.0	38.1	1/4-20 UNC × 19.1DP	25.4

Order Information

Load Rating	Part #	Est. Weight	Price
NTEP Certified			
10 kg	41405	3 lb	\$328.00
15 kg	41233	3 lb	\$328.00
30 kg	41234	3 lb	\$328.00
50 kg	41235	3 lb	\$328.00
75 kg	41236	3 lb	\$328.00
Non-NTEP Certified			
100 kg	41237	3 lb	\$310.00
200 kg	41406	4 lb	\$477.00



SINGLE POINT RL260FD

Fluid Damped, Stainless Steel, Environmentally Sealed, NTEP Certified Single Cell 1:3,000, IP68



APPROVALS



Interchangeable Products

VPG® TEDEA-HUNTLEIGH

240*

*5000d NTEP, 10ft cable

Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	I	J	K	L	M	N
kg/mm														
2-50	50 dia	115.0	86.5	12.0	9.0	220.0	200.0	148.0	80.0	54.0	40.0	25.0	60.0	1/4-20 UNC

Order Information

Load Rating	Part #	Est. Weight	Price
2 kg	194928	8 lb	\$710.00
3 kg	199001	8 lb	\$710.00
5 kg	194929	8 lb	\$710.00
7 kg	194930	8 lb	\$710.00
10 kg	194932	8 lb	\$710.00
15 kg	194933	8 lb	\$710.00
20 kg	194934	8 lb	\$710.00
30 kg	194935	8 lb	\$710.00
50 kg	194936	16 lb	\$710.00

Specifications

Full Scale Output:
2.0 mV/V

Output Resistance:
350 (± 3) ohm

Input Resistance:
400 (± 20) ohm

Material/Finish:
Stainless Steel

Temperature:
Compensated range
14°F to 104°F (-10°C to 40°C)
Operating range
0° F to 150° F (-18° C to 65° C)

Seal Type:
Environmentally sealed, IP68

Safe Overload:
200% of full scale

Rated Excitation:
5-10 VDC

Combined Error:
0.017% full scale

Insulation Resistance:
5,000+ megohms

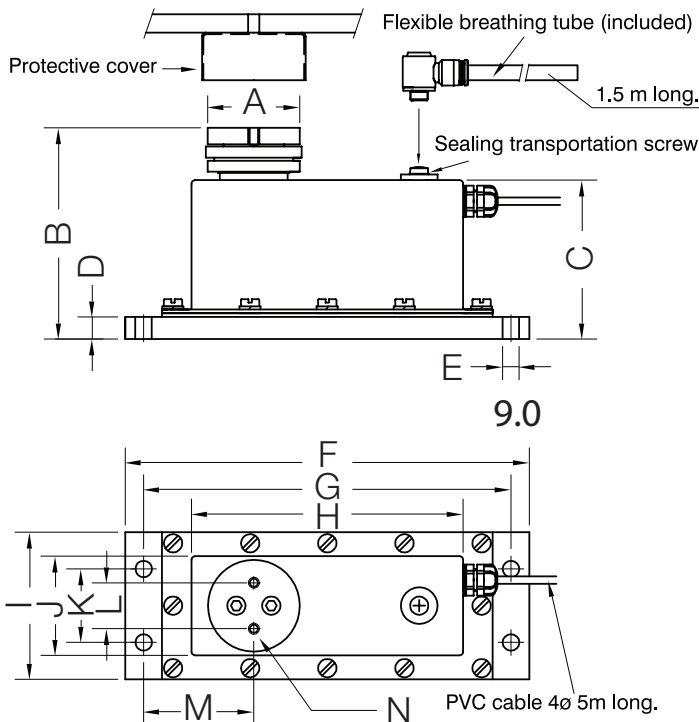
Cable Length:
5 m

Cable Color Code:

- Green +Excitation
- Black -Excitation
- Red +Signal
- White -Signal
- Blue +Sense
- Yellow -Sense

Warranty:
Two-year limited warranty

Approvals:
NTEP
cFMus



Aluminum, Environmentally Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP67

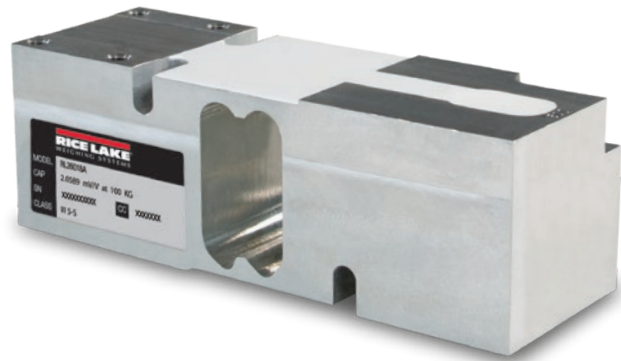
Interchangeable Products

- RICE LAKE WEIGHING SYSTEMS
RL1260
- RICE LAKE WEIGHING SYSTEMS
RLPWM16
- VPG® TEDEA-HUNTLEIGH®
1260

Specifications

- Full Scale Output:**
2.0 mV/V nominal
- Output Resistance:**
350 (± 3) ohm
- Input Resistance:**
415 (± 15) ohm
- Material/Finish:**
Anodized aluminum
- Temperature:**
Compensated range
14°F to 104°F (-10°C to 40°C)
Operating range
0° F to 150° F (-18° C to 65° C)
- Seal Type:**
Environmentally sealed, IP67
- Safe Overload:**
150% of full scale
- Rated Excitation:**
5-10 VDC (15 VDC Max)
- Insulation Resistance:**
>5,000 megohms
- Combined Error:**
0.02% full scale
- Deflection:**
0.3-0.5 mm
- Cable Length:**
10 ft
- Cable Color Code:**
Green +Excitation
Black -Excitation
Red +Signal
White -Signal
- Warranty:**
Two-year limited warranty
- Approvals:**
cFMus
NTEP

APPROVALS



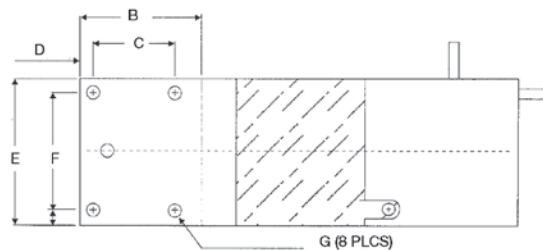
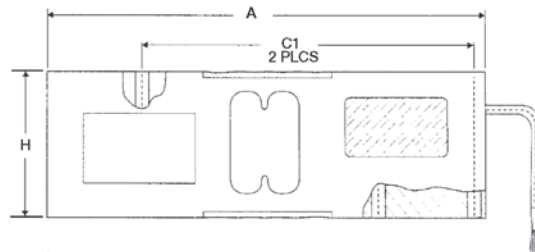
Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	C1	D	E	F	G	H
kg/mm									
50-635	188.0	52.0	35.0	142.0	5.5	63.5	50.0	5/16-18 UNC	62.3

Order Information

Load Rating	Part #	Est. Weight	Price
50 kg	188682	5 lb	\$290.00
75 kg	188683	5 lb	\$290.00
100 kg	188684	5 lb	\$290.00
150 kg	188685	5 lb	\$290.00
200 kg	188686	5 lb	\$290.00
250 kg	188687	5 lb	\$290.00
300 kg	188688	5 lb	\$290.00
500 kg	188689	5 lb	\$290.00
635 kg	188690	5 lb	\$290.00



SINGLE POINT
RL1218A

Aluminum, Environmentally Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP67



APPROVALS



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS	RL1250.....	—
RICE LAKE WEIGHING SYSTEMS	RLPWM12.....	—
VPG® TEDEA-HUNTLEIGH®	1250.....	—

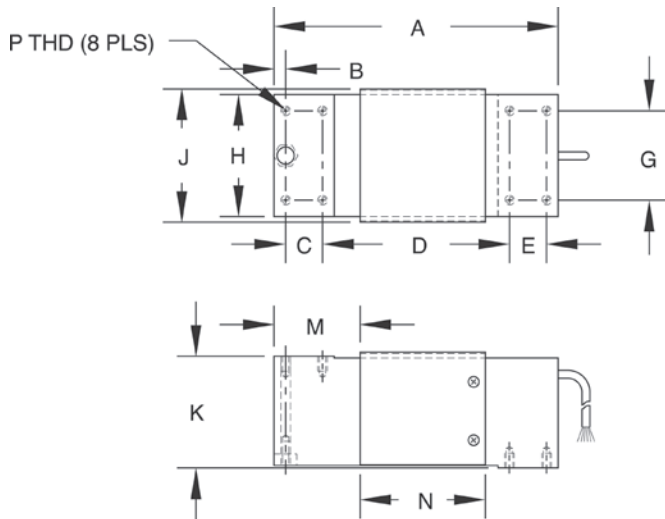
Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	G	H	J	K	M	N	P
kg/mm												
50-1,000	191.0	8.0	25.0	125.0	25.0	60.0	75.0	82.0	75.0	57.5	85.0	5/16-18 UNC × 15 DP

Order Information

Load Rating	Part #	Est. Weight	Price
50 kg	191096	5 lb	\$328.00
75 kg	191097	5 lb	\$328.00
100 kg	191098	5 lb	\$328.00
150 kg	191099	5 lb	\$328.00
200 kg	191100	5 lb	\$328.00
250 kg	191101	5 lb	\$328.00
300 kg	191102	5 lb	\$328.00
500 kg	191103	5 lb	\$328.00
635 kg	191104	5 lb	\$328.00
1,000 kg	191105	5 lb	\$328.00



Specifications

- Full Scale Output:**
2.0 mV/V nominal
- Output Resistance:**
350 (± 3) ohm
- Input Resistance:**
415 (± 15) ohm
- Material/Finish:**
Anodized aluminum
- Temperature:**
Compensated range
14°F to 104°F (-10°C to 40°C)
Operating range
0° F to 150° F (-18° C to 65° C)
- Seal Type:**
Environmentally sealed, IP67
- Safe Overload:**
150% full scale
- Rated Excitation:**
5-10 VDC (15 VDC Max)
- Insulation Resistance:**
>5,000 megohms
- Combined Error:**
0.02% full scale
- Deflection:**
0.4 mm
- Max Platform Size:**
50-500 kg=800 mm × 800 mm
635-1,000 kg=600 mm × 600 mm
- Cable Length:**
10 ft
- Cable Color Code:**
Green +Excitation
Black -Excitation
Red +Signal
White -Signal
Blue +Sense
Yellow -Sense
- Warranty:**
Two-year limited warranty
- Approvals:**
cFMus
NTEP

Aluminum, Environmentally Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP66

Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL1042.....—

RICE LAKE WEIGHING SYSTEMS

RLSP4.....—

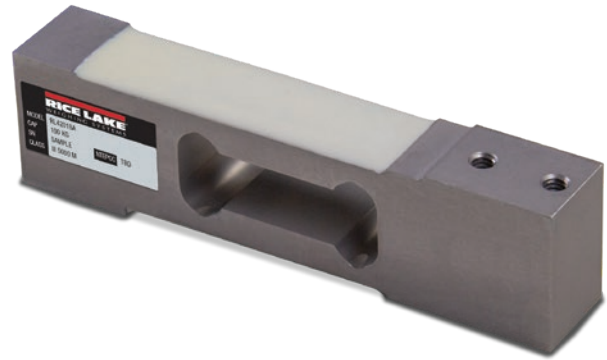
VPG® TEDEA-HUNTLEIGH®

1042.....—

HBM®

SP4M*.....—

*Color code is different



APPROVALS



Specifications

Full Scale Output:

2.0 mV/V ±10%

Output Resistance:

350 (± 3) ohm

Input Resistance:

400 (± 20) ohm

Material/Finish:

Aluminum

Temperature:

Compensated range
14°F to 104°F/-10°C to 40°C
Operating range
0°F to 150°F/-18°C to 65°C

Seal Type:

Environmentally sealed, IP66

Safe Overload:

150% of full scale at center loading point

Rated Excitation:

10 VDC

Combined Error:

0.02% full scale

Insulation Resistance:

>5,000 megohms

Deflection:

0.3-0.5 mm

Max Platform Size

400 mm × 400 mm

Cable Length:

10 ft

Cable Color Code:

Green +Excitation
Black -Excitation
Red +Signal
White -Signal
Blue +Sense
Yellow -Sense

Platform Size:

15.75 in × 15.75 in max

Warranty:

Two-year limited warranty

Approvals:

cFMus
NTEP

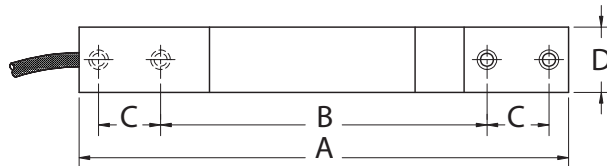
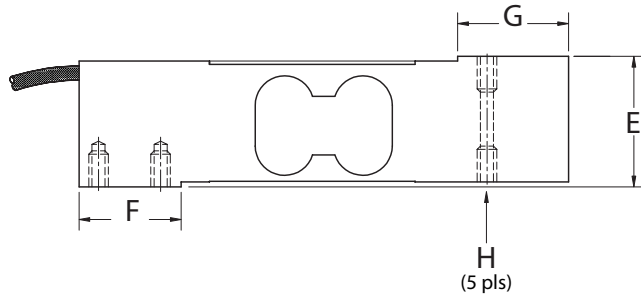
Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H
kg/mm								
3-30	150.0	100.0	19.0	20.0	40.0	31.2	34.0	1/4-20 UNC
50-100	150.0	100.0	19.0	25.4	40.0	31.2	34.0	1/4-20 UNC

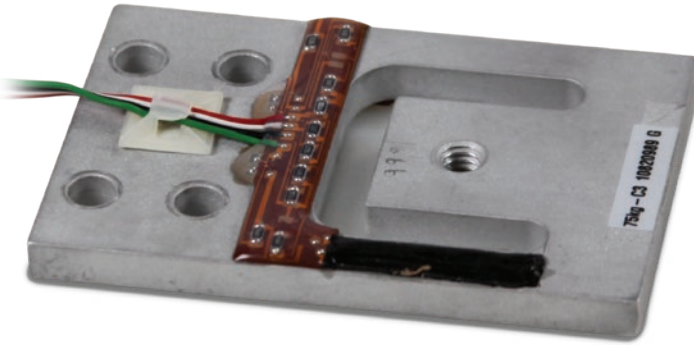
Order Information

Load Rating	Part #	Est. Weight	Price
3 kg	188672	2 lb	\$190.00
5 kg	188673	2 lb	\$190.00
7 kg	188674	2 lb	\$180.00
10 kg	188675	2 lb	\$190.00
15 kg	188676	2 lb	\$190.00
20 kg	188677	2 lb	\$190.00
30 kg	188678	2 lb	\$190.00
50 kg	188679	2 lb	\$190.00
75 kg	188680	2 lb	\$190.00
100 kg	188681	2 lb	\$190.00



PLANAR BEAM
RLBLP

Aluminum, Environmentally Sealed, IP65



Interchangeable Products

FLINTEC™

PB..... —

Specifications

Full Scale Output:

1.0 mV/V

Output Resistance:

1,000 (± 10) ohm

Input Resistance:

1,180 (± 50) ohm

Material/Finish:

Aluminum

Temperature:

Operating range:
0° F to 150° F (-18° C to 65° C)

Seal Type:

Environmentally sealed, IP65

Safe Overload:

150% full scale

Rated Excitation:

5-15 VDC

Combined Error:

0.05% full scale

Insulation Resistance:

5,000 megohms

Cable Length:

15 kg=1.0m
37.5kg, 75kg, 150kg=1.5m

Cable Color Code:

Green +Excitation
Black -Excitation
White +Signal
Red -Signal

Warranty:

Two-year limited warranty

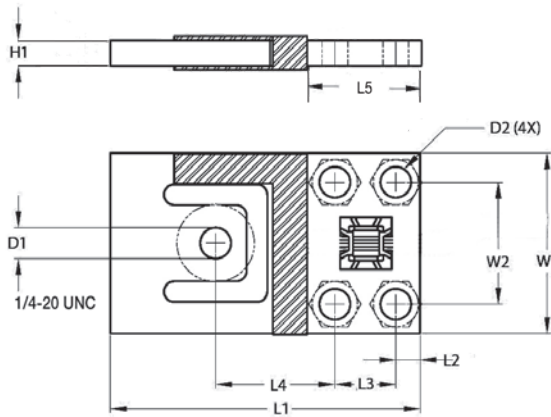
Dimensions

Picture is a representation of actual product

Rated Capacity	L1	L2	L3	L4	L5	W1	W2	H1	D1	D2
kg/mm										
15	70.0	4.9	14.0	28.0	23.7	39.0	27.8	4.1	7.6	5.1
37.5	76.2	6.0	15.0	29.3	27.0	44.5	30.0	4.8	7.6	6.6
75	84.4	6.4	15.0	34.0	27.7	54.8	30.0	6.4	7.6	6.6
150	107.3	7.8	22.9	45.9	38.4	69.9	44.5	7.9	9.1	8.1

Order Information

Load Rating	Part #	Est. Weight	Price
15 kg	100272	1 lb	\$87.00
37.5 kg	104645	1 lb	\$92.00
75 kg	100273	1 lb	\$97.00
150 kg	100274	1 lb	\$102.00



Specifications

Full Scale Output:

3.0 (± 0.1%) mV/V

Bridge Resistance:

350 ohm, nominal

Material/Finish:

Stainless steel

Temperature:

Operating range
0° F to 150° F (-18° C to 65° C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Linearity:

0.05% full scale

Repeatability:

0.03% full scale

Insulation Resistance:

5,000 megohms

Cable Length:

40 ft polyurethane jacket with connection

Cable Diameter:

0.25 in

Cable Color Code:

Green +Excitation
Black -Excitation
White +Signal
Red -Signal

Warranty:

Two-year limited warranty



Dimensions

Picture is a representation of actual product

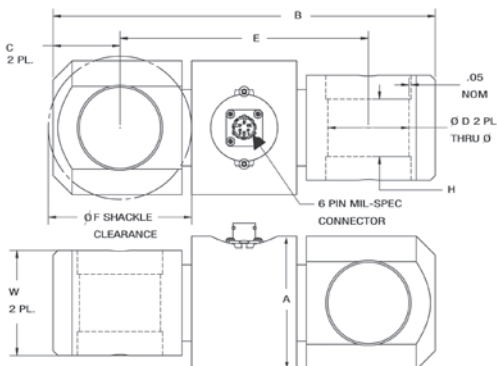
Rated Capacity lb/in	A	B	C	ØD	E	ØF	W	H
5,000-10,000	2.00	6.50	1.00	1.05	4.50	2.38	1.37	0.75
25,000	2.75	8.00	1.38	1.55	5.25	2.88	2.00	1.00
50,000-75,000	3.25	14.00	2.50	2.31	9.00	5.00	3.00	1.75
100,000-150,000	4.00	16.00	2.88	2.88	10.25	6.25	4.00	2.00
200,000	6.00	18.00	3.25	3.38	11.50	6.50	4.75	2.38
250,000	6.50	20.00	3.75	3.88	12.50	7.50	5.00	2.75
300,000-500,000	7.50	24.00	4.50	4.31	15.00	9.50	5.40	3.00

Order Information

Load Rating	Part #	Est. Weight	Price
5,000 lb	117731	5 lb	\$1,430.00
10,000 lb	117732	5 lb	\$1,430.00
25,000 lb	117733	8 lb	\$1,690.00
50,000 lb	117735	34 lb	\$2,915.00
75,000 lb	117736	34 lb	\$2,915.00
100,000 lb	117737	56 lb	\$3,127.00
150,000 lb	117738	56 lb	\$3,127.00
200,000 lb	117739	95 lb	\$5,565.00
250,000 lb	117740	117 lb	\$5,989.00
300,000 lb	117741	191 lb	\$8,427.00
500,000 lb	117742	191 lb	\$8,427.00
Replacement Parts			
40 ft load cell cable	187132		\$175.00

Shackles sold in pairs

Load Rating	Part #	Price
5,000 lb-10,000 lb	83450	\$210.00
25,000 lb	83451	\$660.00
50,000 lb	83452	\$975.00
75,000 lb	119279	\$1,680.00
100,000 lb	83453	\$3,075.00
150,000 lb-200,000 lb	83454	Consult
250,000 lb	83455	Consult
300,000 lb	83456	Consult



MSI Load Pin Sensors



Standard Features

- Internally gauged load pin
- Idler sheave or dead end pin preferred location
- Minimum 5:1 safety factor
- 17-4 stainless steel construction
- $\pm 1\%$ to 3% accuracy of hoist capacity
- -40°F to 140°F standard operating temperature (other temperature compensated ranges available)

A key component for MSI's integrated overhead weighing solutions is the Load Pin Sensor. Typically designed and manufactured specifically to each integrated solution, the MSI load pin is strictly industrial grade. Each load pin design is precision machined from 17-4 stainless steel for safety, strength and corrosion resistance.

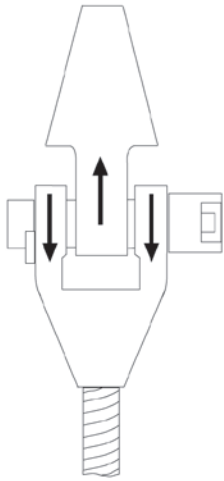
Each strain gauge location is precisely calculated and correctly placed in the optimum concentrated stress area of each installation. This MSI applied engineering process ensures the most efficient and accurate performance for each specific installation.

MSI load pin designs apply only internally mounted strain gauges for complete protection from the outside environment.

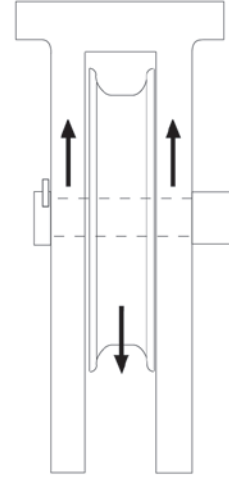
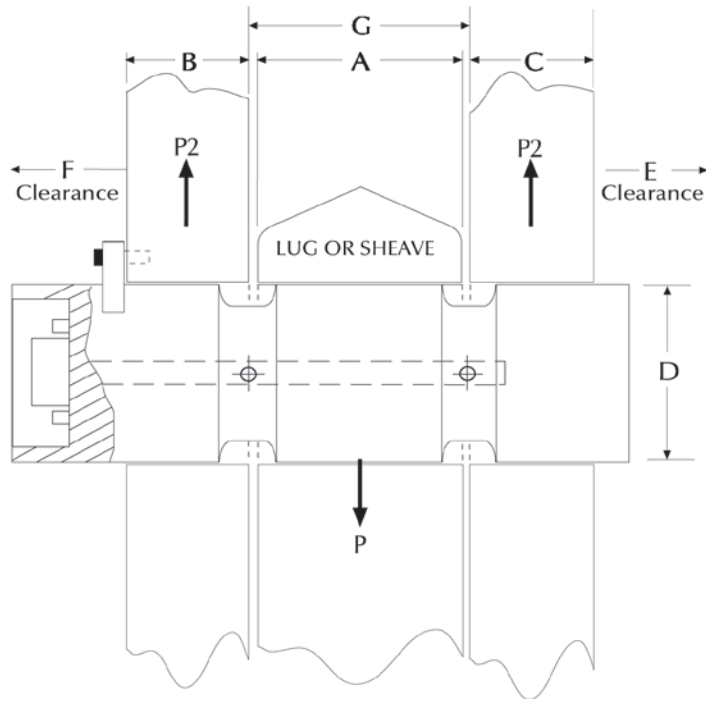
To receive a quotation for a load pin sensor to meet your application requirements, complete the load pin questionnaire also on the next page or online at www.ricelake.com or contact an MSI overhead weighing specialist for further application assistance.

MSI Load Pin Questionnaire

Load Pin Critical Dimensions



Standard Load Sensing Clevis Pin for Wire Rope Sockets Dead-Ends



Sheave/Pulley Load Pins Equalizer/Idler

Load Pin Data	
A=Width _____	Inch
B=Width _____	Inch
C=Width _____	Inch
D=Pin Diameter _____	Inch
E=Clearance _____	Inch
F=Clearance _____	Inch
G=Width _____	Inch
Lube Port <input type="checkbox"/> No <input type="checkbox"/> Yes _____	# of exits
Hoist Capacity _____	Tons
Parts of Wire Rope _____	
Sensor Capacity _____	Tons
Factor of Safety <input type="checkbox"/> 3:1 <input type="checkbox"/> 5:1 <input type="checkbox"/> 7:1 <input type="checkbox"/> 10:1	
Application _____	
Accuracy Requirement _____	
Temperature Requirement _____	
Required Output _____	
Material Testing Requirement _____	
Load Vector Orientation/Alignment <input type="checkbox"/> ← <input type="checkbox"/> → <input type="checkbox"/> ↘ <input type="checkbox"/> ↗	
Name _____	
Company _____	
Phone _____	
Note: Minimum clearance between "A" and "G" = 0.0625 inch.	

Cable Connections	
End-Mounted Cable	
End-Mounted Connector (standard)	
Side-Mounted Cable	
Side-Mounted Connector	
Recessed Connector	
Sensor's Cable Length _____	Feet
Comments _____	



230 W. Coleman St. • Rice Lake, WI 54868 • USA
TEL: 800-874-4320 • FAX: 206-244-8470 • www.ricelake.com/msi

An ISO 9001 registered company © 2019 Rice Lake Weighing Systems PN 154086 10/19
Specifications subject to change without notice.

MSI Tension Link Load Cell



Specifications

Input Resistance:

1,500 ohm

Output Resistance:

2,000 ohm

Full Scale Output:

0.8 mV/V

Connector Pin Out:

A: EX+

B: Sig +

C: Sig -

D: EX-

Accuracy:

0.1% sensor accuracy

Material:

4340 steel

Standard Features

- 4340 Steel construction
- Mil Spec connector
- 7:1 Safety factor

Additional Options

(Contact MSI for application consultation)

- Crosby® top and bottom shackles

Part Number/Price

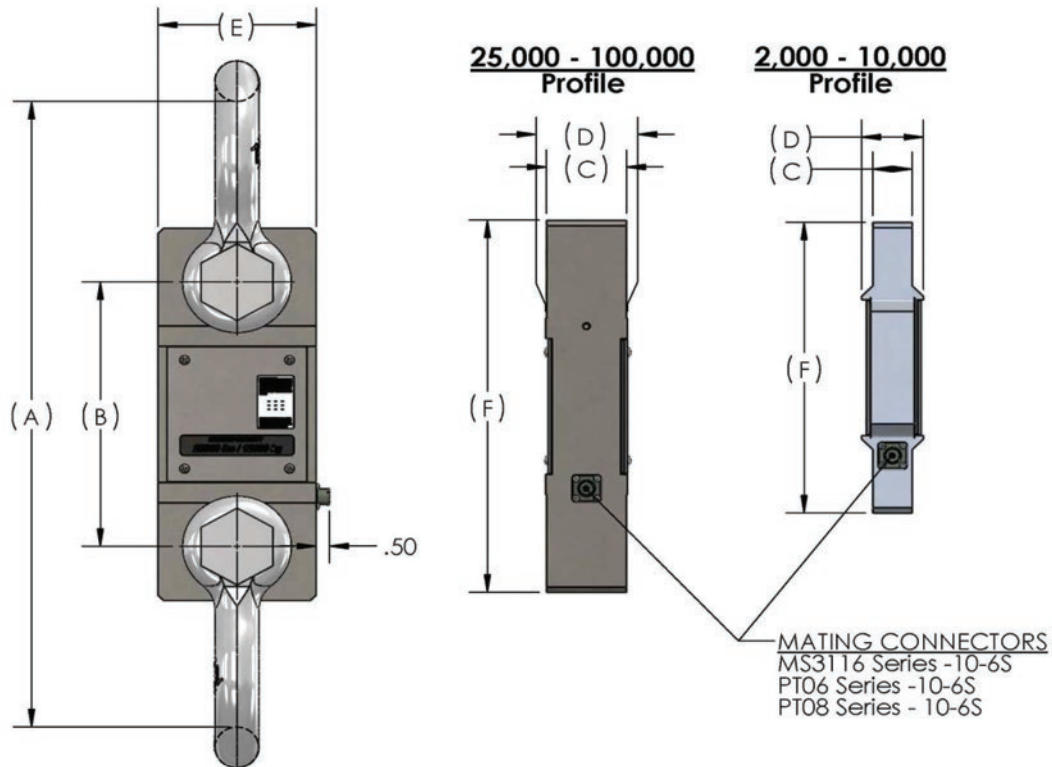
Part #	Description	Price
181907	2K 7200 Style Load Cell Only	Consult
181908	5K 7200 Style Load Cell Only	Consult
181909	10K 7200 Style Load Cell Only	Consult
178093	25K 7200 Style Load Cell Only	Consult
178094	50K 7200 Style Load Cell Only	Consult
181910	100K 7200 Style Load Cell Only	Consult
134505	Mating Cable Assembly, 10 ft	\$175.00

Contact factory for higher capacities

MSI Tension Link Load Cell

Dimensions

Capacity (lbs)	P/N	Load Cell Material	(A) Headroom Loss	(B) C-C Length	(C) Lug Thk	(D) Body Thk	(E) Body Width	(F) Body Length	Lug Hole	Crosby Shackle
2,000	181907	Aluminum	13.50 in	8.00 in	0.99 in	2.13 in	4.50 in	9.75 in	0.78 in	3-1/4 T 151357
5,000	181908	Aluminum	13.50 in	8.00 in	0.99 in	2.13 in	4.50 in	9.75 in	0.78 in	3-1/7 T 151357
10,000	181909	Aluminum	16.13 in	8.50 in	1.35 in	2.13 in	5.37 in	10.75 in	1.05 in	6-1/2 T 151355
25,000	178093	Steel	22.39 in	9.26 in	2.24 in	2.24 in	4.80 in	12.76 in	1.67 in	17 T 141992
50,000	178094	Steel	25.74 in	9.76 in	2.74 in	2.81 in	5.43 in	13.76 in	2.05 in	25 T 151356
100,000	181910	Steel	28.49 in	10.74 in	3.09 in	3.09 in	6.86 in	15.74 in	2.30 in	55 T 146336



MSI Clamp-On Load Cell



Specifications

System Accuracy of Calibrated Capacity:
3-5%

Material:
4340 steel, zinc plated

Output Resistance:
350 ohm

IP Rating:
IP68

Cable Color Code:
Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Cable Length:
20 ft integral cable with blunt end termination



Optional SCT-2200 transmitter

Standard Features

- ETD 150 construction
- Accommodates up to 0.75 in wire rope size
- IP68
- Larger diameter clamp ons available - call for pricing

Options

- Custom sizes available on request
- Pair with an SCT transmitter for basic safety functions

Part Number/Price

Part #	Description	Price
179080	Load Cell Assembly Clamp-On for 3/8 to 1/2 in wire rope	\$710.00
179082	Load Cell Assembly Clamp-On for 9/16 to 3/4 in wire rope	\$840.00
188816	Kit with SCT-2200 for 3/8 to 1/2 in wire rope	\$1,260.00
188817	Kit with SCT-2200 for 9/16 to 3/4 in wire rope	\$1,400.00

Larger diameter clamp ons available - call for pricing

Dimensions

Cable Range	Part #	A	B	C
3/8 - 1/2	179080	Cable + 1.70	6.00	2.00
9/16-3/4	179082	Cable + 1.67	6.00	2.00

*8mm cable can be used with PN 179080

