

# Rice Lake Weighing Systems

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### S-BEAMS

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#### RL20000I, ALLOY STEEL



Ideally suited for scale conversions and general-purpose weighing. Compact and rugged design. Capacities range from 25 lb to 20,000 lb, with cable lengths available in 20 ft, 30 ft or 35 ft.



Page 97

#### RL20000SS, STAINLESS STEEL



For suspended applications or mechanical scale conversions, this model provides the additional protection of stainless steel necessary in dry, corrosive environments. Available in capacities ranging from 50 lb to 20,000 lb.



Page 98

#### RL20000ST, STAINLESS STEEL



Ideally suited for suspended applications or mechanical scale conversions. The stainless steel design provides additional protection in dry, corrosive environments. The extremely miniature envelope is suitable for a wide variety of weighing applications in tension or compression. Capacities available from 50 lb to 5,000 lb, each comes with 20 ft of polyurethane cable.



Page 99

#### RL20001I, ALLOY STEEL



Suited for scale conversions, tension applications and general-purpose weighing. Compact and rugged design. Capacities range from 250 lb to 20,000 lb. Complete with 20 ft of load cell cable.



Page 100

#### RL20001HE, STAINLESS STEEL



A full stainless steel, welded-seal, S-beam featured in our ITCM HE products, and it is ideal for the harshest tension mounting applications. NTEP Certified capacities range from 500 lb to 5,000 lb; non-NTEP Certified capacity of 10,000 lb.



Page 101

#### RL20001HE, STAINLESS STEEL



Ideally suited for scale conversions and general-purpose weighing. OIML approved and metric envelope capacities range from 250 kg to 2,500 kg. Complete with 6 m of load cell cable.



### SINGLE-ENDED BEAMS

Page 102

#### RL32022, ALLOY STEEL



The RL32022 is a metric version of the RL32018 load cell. Constructed of alloy steel and sealed to IP67 standards. OIML approved capacities range from 300 kg to 2,000 kg. Complete with 5 m of load cell cable.



RICE LAKE  
LOAD CELLS

# Rice Lake Weighing Systems

## SINGLE-ENDED BEAMS

Page 103

### RL32022-S, STAINLESS STEEL



This stainless steel load cell is the metric version of the RL32018S. Sealed to IP67 standards, load cell capacities range from 300 kg to 5,000 kg. OIML approved and comes with 5 m of cable.



Page 104

### RL32018, ALLOY STEEL



An alloy steel single-ended beam cell offered from 250 lb to 20,000 lb. Each load cell has 20 ft of cable and is FM approved and NTEP Certified from 500 lb to 10,000 lb.



Page 105

### RL32018, MLC COATED ALLOY STEEL



This is a multi-layer coated (MLC) alloy steel single-ended beam load cell offered from 1,000 lb to 20,000 lb. Each load cell has 20 ft of cable and is FM approved. It is NTEP Certified from 1,000 lb to 10,000 lb and is ideal for fertilizer applications.



Page 106

### RL32018S, STAINLESS STEEL



Available in capacities from 250 lbs to 20,000 lbs. Sealed to IP66 standards, each cell includes 20 ft of cable and is FM approved. NTEP Certified from 500 lb to 10,000 lb.



Page 107

### RL32018S-P, STAINLESS STEEL



Sealed to IP69K, it has a 3 mV output and is FM approved. Available in capacities from 1,000 lb to 10,000 lb. Comes complete with 20 ft of PTFE cable.



Page 108

### RL32018S-HE, STAINLESS STEEL



A hermetically sealed, stainless steel single-ended beam load cell with 20 ft of PTFE jacketed cable for protection in harsh environments. Sealed to IP69K standards, this cell is 3 mV/V and NTEP Certified from 500 lb to 10,000 lb.



Page 109

### RL32019S-HE, STAINLESS STEEL



A stainless steel single-ended beam with 2 mV/V and 30 ft of PTFE jacketed cable. Hermetically sealed to IP69K for tough environments. Available from 1,000 lb to 10,000 lb.



Page 110

### RL32218S-HE, STAINLESS STEEL



Available in capacities from 1,000 lb to 10,000 lb, this model is hermetically sealed and comes complete with either 20 ft of PTFE cable or 30 ft of rodent protection cable.



Page 111


























### RL9018SS, STAINLESS STEEL



Hermetically sealed with an IP68/IP69K rating, this stainless steel, single-ended beam load cell has NTEP Certified for capacities from 5 kg to 500 kg. Comes with 3 m of cable.



## SINGLE-ENDED BEAMS

|          |   |   |  |   |   |
|----------|---|---|--|---|---|
| Page 112 | <b>RL30000I, ALLOY STEEL</b>                |    | This threaded hole, single-ended beam is designed for low-profile scales and process applications. NTEP Certified cells in capacities ranging from 1,000 lb to 10,000 lb. Non-NTEP Certified cells in 250 lb, 500 lb and 20,000 lb capacities. Complete with 20 ft of load cell cable.                                     |    |    |
| Page 113 | <b>RL30002, ALLOY STEEL</b>                 |    | Single-ended beam designed for low-profile scales and process applications. NTEP Certified cells in capacities ranging from 1,000 lb to 5,000 lb SE. Complete with 20 ft of load cell cable.   |    |    |
| Page 114 | <b>RLH35, STAINLESS STEEL</b>               |    | Stainless steel construction and integral mounting foot as well as dimensional and electrical interchangeability with several load cell manufacturers. Available in a 500 lb capacity with 20 ft of load cell cable.   |    |    |
| Page 115 | <b>RL39123, STAINLESS STEEL</b>             |    | Single-ended beam in stainless steel. Designed for low-profile scales and process applications. Capacities range from 250 lb to 10,000 lb. Complete with 20 ft or 30 ft of load cell cable.  |    |   |
| Page 116 | <b>RL32018S-T, STAINLESS STEEL</b>          |  | Replacement for the RL30745 load cell used in RLTM weigh modules and for the Mettler Toledo® model 745. Complete with 15 ft or 30 ft cable. NTEP Certified and FM approved. Capacities available from 500 lb to 10,000 lb.   |  |  |
| Page 117 | <b>RL35023S, MLC COATED STAINLESS STEEL</b> |  | A version of the RL35023S stainless steel load cell but with the added protection of a proprietary coating. This coating protects the load cell element in dry chemical applications that would normally cause standard stainless steel load cells to fail. Capacities available from 1,000 lb to 10,000 lb.               |  |  |
| Page 118 | <b>RLHTO, STAINLESS STEEL</b>               |  | Low profile, hermetic sealing and high accuracy makes the RLHTO suitable for low-profile platforms, pallet truck weighers, tanks and silos. Capacities available from 500 kg to 5,000 kg.  |  |   |
| Page 119 | <b>RLSSB, STAINLESS STEEL</b>               |  | Rugged and precise single-ended beam offers welded-seal protection and stainless steel construction. Designed for use in the most hostile environments. Applications include platform scales, materials testing and process weighing. Capacities range from 1,000 lb to 10,000 lb. Complete with 15 ft of load cell cable. |  |  |
| Page 120 | <b>RLSB250/RLSB250T, STAINLESS STEEL</b>    |  | Interchangeable with Cardinal® SB2500. Stainless steel construction with welded seal. NTEP Certified capacity of 2,500 lb to 10,000 lb available. Comes complete with 15 ft or 20 ft of load cell cable.   |  |  |

# Rice Lake Weighing Systems

## SINGLE-ENDED BEAMS

Page 121

### RL50219SS, STAINLESS STEEL



A direct replacement for the RL50210SS stainless cantilever beam cell. It is an IP65 and comes with 20 ft of cable. Used in the RL50210SS-TA weigh modules in capacities from 25 lb to 500 lb.

Page 122

### RL50210, ALLOY STEEL



Designed for tension or compression loading applications. Capacities range from 25 lb to 500 lb. Complete with 20 ft of load cell cable.



Page 123

### RL40BBS, ALLOY STEEL



Designed for precision force and weight measurement. Capacities range from 50 lb to 2,500 lb. Complete with 10 ft of load cell cable.

Page 124

### RL32011WB-L, STAINLESS STEEL



A Legal for Trade link-style replacement for the Avery Weigh-Tronix® Weigh Bar®. Stainless steel construction and IP67 rating for a variety of floor scale, mount assembly and truck scale designs. Standard capacities range from 1,250 lb to 10,000 lb.



Page 125

### RL32011WB-T, STAINLESS STEEL



A direct replacement for the threaded style Avery Weigh-Tronix Weigh Bar, with improved stainless steel construction and a potted IP67 housing. Available in 1,250 lb or 2,500 lb capacities.



## DOUBLE-ENDED BEAMS

Page 126

### RL72020, ALLOY STEEL



An alloy steel, double-ended beam load cell ideal for truck, tank and hopper applications. Complete with 30 ft of load cell cable and available in capacities of 5,000 lb to 250,000 lb.



Page 127

### RL72020SS, STAINLESS STEEL



A stainless steel, double-ended beam load cell with an environmental seal and NTEP Certified. Available in capacities of 5,000 to 150,000 lb and complete with 30 ft of cable.



Page 128

### RL72020, MLC COATED ALLOY STEEL



This multi-layer coated (MLC) alloy steel, double-ended beam load cell has capacities from 5,000 lb to 250,000 lb. Each load cell has 30 feet of cable and is ideal for fertilizer, tank, and hopper applications.





## DOUBLE-ENDED BEAMS

Page 129

### RL72019SS, STAINLESS STEEL



A direct replacement for the RL72010MH load cell. It is stainless steel and has a welded seal. Complete with 25 ft of cable and is available in capacities from 5,000 lb to 60,000 lb.



Page 130

### RL77032, ALLOY STEEL



This alloy steel double-ended beam load cell features center loading, with capacities ranging from 1,000 to 75,000 lb. It's designed for tank and hopper applications and has 25 ft of cable.



Page 131

### RL77032SS, STAINLESS STEEL



Designed for tank and hopper applications, the RL77032SS is built with stainless steel to resist corrosive materials. It's a double-ended beam with center loading and a capacity ranging from 1,000 to 75,000 lb. The RL77032SS comes with 25 ft of cable.



Page 132

### RL77032SS HE, STAINLESS STEEL



The RL77032SS HE is designed for use in the harshest environments, constructed with stainless steel and hermetically sealed. It's a double-ended beam with center loading, handling a capacity range of 1,000 to 75,000 lb, equipped with 25 ft of cable.



Page 133

### RL75016, ALLOY STEEL



Designed for tank and hopper applications. An alloy steel double-ended beam load cell with center loading. Capacities range from 1,000 lb to 75,000 lb. The load cell comes with 25 ft of load cell cable.



Page 134

### RL75016, MLC COATED ALLOY STEEL



A version of the RL75016 load cell but with multi-layer coating (MLC) for extra protection in dry chemical applications. Has a coated double-ended beam with center loading designed for tank and hopper applications. Capacities range from 1,000 lb to 75,000 lb. Complete with 25 ft of load cell cable.



Page 135

### RL75016SS, STAINLESS STEEL



Double-ended beam with center loading. Designed for tank and hopper applications. Stainless steel provides protection against corrosive materials. Capacities range from 1,000 lb to 75,000 lb. Complete with 25 ft of load cell cable.



Page 136

### RL75016SS-W, STAINLESS STEEL



A double-ended beam, stainless steel load cell designed for tank and hopper applications. Capacities range from 5,000 lb to 25,000 lb.

# Rice Lake Weighing Systems

## DOUBLE-ENDED BEAMS

Page 137

### RL75016WHE, STAINLESS STEEL



Double-ended beam with center loading. Designed for tank and hopper applications. Stainless steel construction and hermetic sealing provide protection in hostile environments. Capacities range from 1,000 lb to 25,000 lb. Complete with 25 ft of load cell cable.



Page 138

### RL75058I, FOR RICE LAKE COIL SCALE



Nickel plated and environmentally sealed with stainless steel side plates. Used in the Rice Lake Weighing Systems coil scale. 20,000 lb to 75,000 lb, complete with 35 ft of load cell cable.



Page 139

### RL75058-LP, ALLOY STEEL



Nickel plated, high-alloy steel load cell with built-in lightning protection. Available in capacities from 10,000 lb to 125,000 lb. Sealed to IP67, it has a 3 mV/V output and is FM approved and NTEP Certified.



Page 140

### RL75058S-LP, STAINLESS STEEL



A stainless steel, hermetically sealed load cell with built-in lightning protection. It is available in capacities 10,000 lb to 125,000 lb with an IP68/IP69K rating.



Page 141

### RL75060S, STAINLESS STEEL



Provides durability and accuracy in high-capacity process measurement and control. Ideal for vehicle weighing in hostile environments. Units are NTEP certified and available in 100,000 lb capacity with 35 ft of cable and 25,000 lb with 60 ft of cable.



Page 142

### RL75223, ALLOY STEEL



High performance end-loaded, center-supported shear beam. Designed for low-profile truck and track scales in harsh environments. Welded seal provides superior protection. Parallel link loading provides free movement in all horizontal directions. Compatible with Translink Mounts. Capacities range from 50,000 lb to 100,000 lb.



Page 143

### RLDB50000S, STAINLESS STEEL



Stainless steel, welded-seal load cell designed as an interchangeable load cell for the Cardinal® DB50000S. It is NTEP Certified for 10,000 divisions and has 35 ft of cable standard. Available in 50,000 lb capacity.



Page 144

### RL75040, ALLOY STEEL



Double-ended beam load cell. Nickel plated and environmentally sealed with stainless steel plates. Designed for center mounting and double link loading, compatible with Unilink/Translink suspension up to 75,000 lb. Capacities range from 25,000 lb to 125,000 lb. Complete with 35 ft of load cell cable. Optional 40 ft or 50 ft cable available with some capacities.



## COMPRESSION CANISTERS

Page 145

### RLCSP1, STAINLESS STEEL



Welded-seal, stainless steel canister cell designed for vehicle and process applications. High capacity load cell is built for reliability, durability and extreme precision. Ideal for applications where optimal precision and durability are needed. Capacities range from 25,000 lb to 200,000 lb. Complete with 35 ft or 80 ft of load cell cable.



Page 146

### RL8C2P1SST, STAINLESS STEEL



Single-column design with low deflection; hermetically sealed for trouble-free operation. Stainless steel for use in harsh environments. Compact and rugged. Capacities of 50k, 100k and 200k. Complete with 35 ft of load cell cable.



## ROCKER COLUMN

Page 147

### RL82021, STAINLESS STEEL



The RL82021 is a stainless steel, hermetically sealed rock- style load cell. It features built- in lightning protection and stainless over braid cable. It is available in 30t and 40t capacities with 18m of cable.



Page 148

### RLSCA-50K, STAINLESS STEEL



A replacement for Cardinal® SCA products. Features stainless steel construction and welded sealing to provide IP67 environmental protection. Includes a load cell and two retrofit cups that allow match up with various field applications. NTEP Certified. Provides easy installation and access. Available in a 50,000 lb package, comes with 30 ft of standard load cell cable.



Page 149

### RL70510/RL80453, STAINLESS STEEL



Replacements for the Fairbanks Scales® 70510 and 80453 rocker cells found in many truck scales. Stainless steel and hermetically sealed.



Page 150

### RL75114-50K, STAINLESS STEEL



Stainless steel, hermetically sealed rocker column designed to interchange with the Fairbanks part number 64166. Comes with 30 ft of overbraid cable to protect it from abrasion and pests. NTEP Certified.



## COMPRESSION DISK

Page 151

### RL90000, ALLOY STEEL



Environmentally sealed low-profile compression disk. Models with capacities of 5,000 lb and 10,000 lb can also be used in tension loading applications. Shear web design provides excellent performance and its low profile makes it ideal for applications where height is critical. Capacities range from 5,000 lb to 100,000 lb. Complete with 50 ft of load cell cable.



# Rice Lake Weighing Systems

## SINGLE POINTS

Page 152

### RLPC3SS, STAINLESS STEEL



Stainless steel, environmentally sealed single-point ideally suited for bench scales. NTEP certified and OIML approved with capacities from 7 kg to 150 kg. 10 ft of cable standard.



Page 153

### RLPC4SS-HE, STAINLESS STEEL



Stainless steel hermetically sealed single-point designed for bench scales used in washdown applications. Available in capacities from 10 kg to 100 kg. NTEP Certified and OIML approved.



Page 154

### RLPC6, STAINLESS STEEL



Stainless steel, hermetically sealed single-point load cell ideal for wet environments. NTEP Certified and comes with 10 ft of cable. Capacity from 10 kg to 200 kg.



Page 155

### RLPWM15HE, STAINLESS STEEL



Hermetically sealed, stainless steel, single-point load cell. Available in capacities ranging from 10 kg to 100 kg. NTEP Certified and comes complete with 2.83 ft or 10 ft of load cell cable.



Page 156

### RLPWM15, STAINLESS STEEL



Environmentally sealed and replaces the HBK® PW15 for many bench scale types. Comes in a range of capacities from 10 kg to 100 kg. NTEP certified and FM approved.



Page 157

### RLPCBC-60, STAINLESS STEEL



Stainless steel, hermetically sealed, single-point load cell that can be used in wet environments. NTEP Certified and comes complete with 10 ft of load cell cable. Capacity ranges from 50 kg to 1,000 kg.



Page 158

### RL1521A, ALUMINUM



Low-profile single-point load cell designed for electronic bench scales and platform scales. A replacement for the VPG® BLH® and NMB C2G1, capacities range from 3 kg to 35 kg.



Page 159

### RL1010, ALUMINUM



Off-center loading load cell designed for long-lasting, durable mounting of the weighing platform. Load cells with potted cavities are available for improved performance in damp environments. Potted model capacities range from 7 kg to 90 kg with 10 ft of load cell cable. Unpotted model capacities range from 3 kg and 5 kg with 3 ft of load cell cable. NTEP Certified from 10 kg to 50 kg.



## SINGLE POINTS

### Page 160

### RLSP4, ALUMINUM



A low-profile, off-center load cell designed for retail, postal and platform scale applications. Manufactured from aluminum, moment compensated for optimal accuracy and protected by a quality gauge coating compound that provides a barrier against high humidity environments. Available in capacities ranging from 7 kg to 100 kg, and comes standard with 10 ft of load cell cable.



### Page 161

### RLPWM12, ALUMINUM



The RLPWM12 is ideal for platform, hanging scales and other low-capacity beam applications. An aluminum, single point load cell with capacities 500 kg and 1000 kg available, this load cell is NTEP Certified. Complete with 10 ft of load cell cable.



### Page 162

### RLPWM16, ALUMINUM



A single point, aluminum load cell in a 75 kg capacity. This load cell has a potted cavity and offers excellent performance in damp environments. Complete with 10 ft of load cell cable.



### Page 163

### RL1042, ALUMINUM



A low-profile single point for platform weighing, this model is constructed of aluminum, and is a two-beam design. This design offers high immunity to side forces and is specially coated to provide humidity resistance. The unit is available in 1 kg capacity. Complete with 10 ft of load cell cable.



### Page 164

### RL1040, ALUMINUM



The RL1040 maintains long-term stability and durability. Potted cavities provide improved performance in damp environments. NTEP Certified capacities range from 5 kg to 100 kg. Complete with 10 ft of load cell cable.



### Page 165

### RL1140, STAINLESS STEEL



A single-point cell constructed of stainless steel. Ideal for platform scales, packaging and process weighing equipment. Capacities range from 15 kg to 150 kg. Complete with 10 ft of load cell cable.



### Page 166

### RL1380, STAINLESS STEEL



Designed for high performance in wet environments, these single-point cells provide an excellent option when stainless steel is required for an application. Available in capacities ranging from 7 kg to 60 kg. Complete with 10 ft of load cell cable.



### Page 167

### RL1385, STAINLESS STEEL



Low-profile, off-center loading load cell. Designed for direct mounting of a weighing platform, hanging scales and other low-capacity beam applications. Stainless steel construction with a humidity-resistant protective coating provides long-term stability, even in harsh environments. Potted cavities provide improved performance in damp environments. Capacities range from 10 kg to 200 kg. Complete with 10 ft of load cell cable.



# Rice Lake Weighing Systems

## SINGLE POINTS

### Page 168

#### RL260FD, STAINLESS STEEL



A Rice Lake fluid dampened load cell. The stainless steel housing and standard breather tube provide excellent protection in most applications. Available from 2 kg to 50 kg capacities. NTEP Certified and FM approved.



### Page 169

#### RL26018A, ALUMINUM



Ideal for bench scales. Comes in capacities from 50 kg to 635 kg. NTEP and FM approved and is environmentally sealed to IP67. Complete with 10 ft of cable.



### Page 170

#### RL1218A, ALUMINUM



A high-capacity, off-center loading load cell. Weighs loads from 50 kg to 1,000 kg. Features potted cavities that offer excellent performance in damp environments.



### Page 171

#### RL42018A, ALUMINUM



An aluminum, IP66 single-point load cell. Available in capacities ranging from 3 kg to 100 kg and has NTEP Certified and FM approvals. 10 ft of cable included.



### Page 172

#### RLFLS, STAINLESS STEEL



Interchangeable with the Avery Weigh-Tronix® FLS, Rice Lake's single-point RLFLS is a solid choice for many bench scale applications. The potted RLFLS is stainless steel and rated at IP67, available in a 50 lb capacity.

## PLANAR BEAMS

### Page 173

#### RLBLP, ALUMINUM



Very low-profile aluminum sensor that can be used in bench scales in low-profile floor scales. Available in capacities ranging from 15 kg to 150 kg.

## TENSION LINK

### Page 174

#### RL2010 TENSION LINK



Ranges in capacities of 5,000 lb to 500,000 lb. Constructed of stainless steel. Ideal for unique tension applications.



MSI

Page 175

## MSI LOAD PIN SENSORS



A key component of 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.

Page 176

## MSI LOAD PIN QUESTIONNAIRE

The MSI Load Pin Questionnaire must be completed prior to quoting. An accurately completed questionnaire will ensure a proper installation with the highest accuracy.

Page 177

## MSI TENSION LINK



The MSI Tension Link integrates between a crane block and lifting equipment to provide force measurement for lifted items, making it an ideal integration for cranes. The MSI Tension Link features a 7:1 safety factor for compliance with industrial and military safety requirements.

Page 178

## MSI CLAMP-ON



The MSI Clamp-on load cell is a durable solution for measuring wire rope tension, providing dependable overload detection and prevention for overhead cranes and hoists. Available in two envelopes to accommodate most common wire ropes, 3/8 inch to 1/2 inch and 9/16 inch to 3/4 inch, the MSI Clamp-on installs quickly and easily to the wire rope dead end. Weight-based setpoints can be used to communicate with crane electronics providing operator alerts and safety shutoffs based on unsafe load conditions.



Picture is a representation of actual product.

#### Approvals



#### 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  | 2 lb        | \$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 |
| <b>Conduit Adapter Kit* (must be factory installed to maintain warranty)</b> |        |             |          |
| 3/8-24 nipple  | 31533* | 1 lb        | \$40.00  |
| 3/8-24 to 1/4-18 NPT   | 31534* | 1 lb        | \$40.00  |
| <b>Replacement Agriculture Scale Load Cell - 40 ft Cable</b>                 |        |             |          |
| 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

#### Dimensions

| Rated Capacity  | A            | B    | C    | D    | E    |
|-----------------|--------------|------|------|------|------|
| lb/in           |              |      |      |      |      |
| 25 to 300       | 1/4-28 UNF   | 0.75 | 0.50 | 2.00 | 2.50 |
| 500 to 1,500    | 1/2-20 UNF   | 1.00 | 0.75 | 2.00 | 2.50 |
| 2,000 to 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 to 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 |

#### Interchangeable Products

ARTECH®

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

#### Weigh Module Available

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**ITCM Isolated Tension Cell Mount.....** page 38

#### 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:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

##### Seal Type:

Environmentally sealed, IP67

##### Safe Overload:

150% full scale

##### Rated Excitation:

5 to 10 VDC (15 V maximum)

##### Combined Error:

0.02% full scale

##### Insulation Resistance:

5,000 megohm

##### Cable Length:

20 ft

30 ft (pn 17044 and 17045)

35 ft (pn 21356)

##### Cable Diameter:

0.200 in

Polyurethane jacket

##### Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

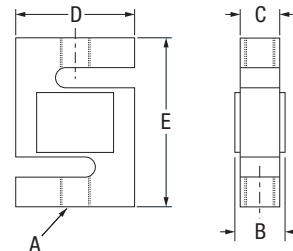
##### Warranty:

Two-year limited

##### Approvals:

NTEP 90-158

cFMus





Picture is a representation of actual product.

## Approvals



## Order Information

| Load Rating  | Part # | Est. Weight | Price    |
|--|--------|-------------|----------|
| <b>NTEP Certified</b>  |        |             |          |
| 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 |
| <b>Non-NTEP Certified</b>  |        |             |          |
| 50 lb  | 17013  | 2 lb        | \$312.00 |
| 15,000 lb  | 158375 | 7 lb        | \$715.00 |
| 20,000 lb  | 158376 | 13 lb       | \$948.00 |
| <b>Conduit Adapter Kit* (must be factory installed to maintain warranty)</b> |        |             |          |
| 3/8-24 nipple  | 31533* | 1 lb        | \$40.00  |
| 3/8-24 to 1/4-18 NPT   | 31534* | 1 lb        | \$40.00  |

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

## Dimensions

| Rated Capacity | A            | B    | C    | D    | E    |
|----------------|--------------|------|------|------|------|
| lb/in          |              |      |      |      |      |
| 50 to 300      | 1/4-28 UNF   | 0.65 | 0.46 | 2.00 | 2.40 |
| 500 to 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 |

## Interchangeable Products

VPG® REVERE

**9363** ..... page 244

ARTECH®

**20210**

## Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

**ITCM Isolated**

**Tension Cell Mount**..... page 38

## 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:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

### Seal Type:

Environmentally sealed, IP67

### Safe Overload:

150% full scale

### Rated Excitation:

5 to 10 VDC (15 V maximum)

### Combined Error:

0.03% full scale

### Insulation Resistance:

5,000 megohm

### Cable Length:

20 ft

### Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

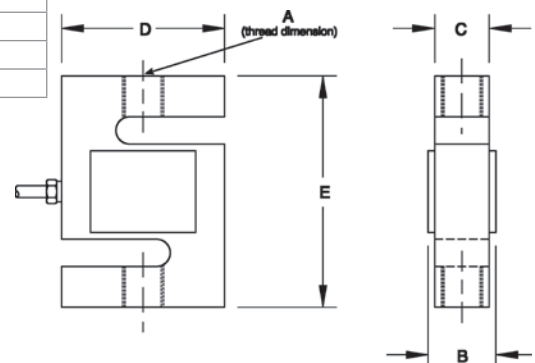
### Warranty:

Two-year limited

### Approvals:

NTEP 98-078

cFMus



S-BEAM  
**RL20000ST**

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



Picture is a representation of actual product.

Approvals



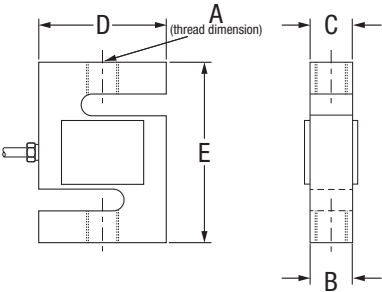
Order Information

| 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        | \$40.00  |
| 3/8-24 to 1/4-18 NPT  | 31534* | 1 lb        | \$40.00  |

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

Dimensions

| Rated Capacity | A          | B    | C    | D    | E    |
|----------------|------------|------|------|------|------|
| lb/in          |            |      |      |      |      |
| 50 to 300      | 1/4-28 UNF | 0.65 | 0.46 | 2.00 | 2.40 |
| 500 to 1,000   | 1/2-20 UNF | 0.90 | 0.71 | 2.00 | 2.40 |
| 1,500 to 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 |



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:  
14 °F to 104 °F (-10 °C to 40 °C)  
Operating:  
0 °F to 150 °F (-18 °C to 65 °C)
- Seal Type:**  
Environmentally sealed, IP67
- Safe Overload:**  
150% full scale
- Rated Excitation:**  
5 to 10 VDC (15 V maximum)
- Combined Error:**  
0.03% full scale
- Insulation Resistance:**  
5,000 megohm
- 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
- Approvals:**  
NTEP 03-007  
FM



Picture is a representation of actual product.

#### Approvals



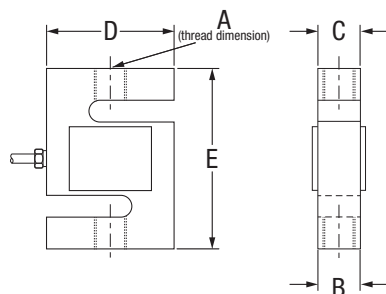
#### Order Information

| Load Rating  | Part #        | Est. Weight | Price    |
|--|---------------|-------------|----------|
| 250 lb   | <b>21402</b>  | 2 lb        | \$290.00 |
| 500 lb   | <b>21403</b>  | 2 lb        | \$290.00 |
| 750 lb   | <b>21404</b>  | 2 lb        | \$290.00 |
| 1,000 lb   | <b>21405</b>  | 2 lb        | \$290.00 |
| 1,500 lb   | <b>21406</b>  | 2 lb        | \$290.00 |
| 2,000 lb   | <b>21407</b>  | 3 lb        | \$290.00 |
| 2,500 lb   | <b>21408</b>  | 4 lb        | \$290.00 |
| 3,000 lb   | <b>21409</b>  | 3 lb        | \$334.00 |
| 5,000 lb   | <b>21410</b>  | 4 lb        | \$466.00 |
| 10,000 lb  | <b>21411</b>  | 5 lb        | \$466.00 |
| 15,000 lb  | <b>21412</b>  | 7 lb        | \$588.00 |
| 20,000 lb  | <b>21413</b>  | 16 lb       | \$927.00 |
| <b>Conduit Adapter Kit* (must be factory installed to maintain warranty)</b> |               |             |          |
| 3/8-24 nipple  | <b>31533*</b> | 1 lb        | \$40.00  |
| 3/8-24 to 1/4-18 NPT   | <b>31534*</b> | 1 lb        | \$40.00  |

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

#### Dimensions

| Rated Capacity | A            | B    | C    | D    | E    |
|----------------|--------------|------|------|------|------|
| lb/in          |              |      |      |      |      |
| 250            | 3/8-24 UNF   | 0.75 | 0.50 | 2.00 | 3.00 |
| 500 to 2,000   | 1/2-20 UNF   | 1.00 | 0.75 | 2.00 | 3.00 |
| 2,500 to 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 |



#### Interchangeable Products

VPG® CELTRON®  
**STC**.....page 188  
VPG® SENSORTRONICS®  
**60001**.....page 275

#### Weigh Module Available

RICE LAKE WEIGHING SYSTEMS  
**ITCM Isolated  
Tension Cell Mount**..... page 38

#### 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:  
14 °F to 104 °F (-10 °C to 40 °C)  
Operating:  
0 °F to 150 °F (-18 °C to 65 °C)  
**Seal Type:**  
Environmentally sealed, IP67  
**Safe Overload:**  
150% full scale  
**Rated Excitation:**  
5 to 10 VAC (15 V maximum)  
**Combined Error:**  
0.02% full scale  
**Insulation Resistance:**  
5,000 megohm  
**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  
**Approvals:**  
cFMus  
NTEP 91-046

S-BEAM  
**RL20001HE**

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



Picture is a representation of actual product.

Approvals

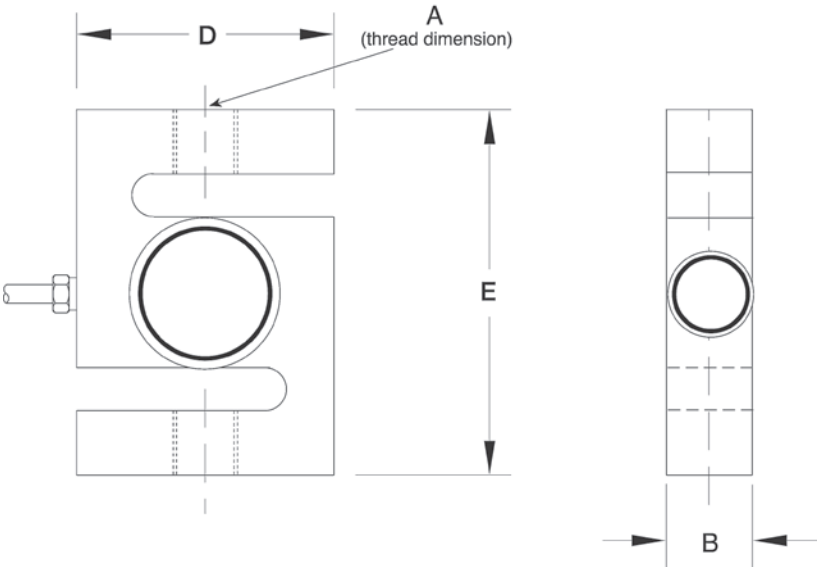


Order Information

| 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 |

Dimensions

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



Interchangeable Products

VPG® SENSORTRONICS®  
**60063** .....page 277

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS  
**ITCM HE Isolated  
Tension Cell Mount**..... page 40

Specifications

- Full Scale Output:**  
2.0 mV/V
- Bridge Resistance:**  
350 ohm, nominal
- Material/Finish:**  
Stainless steel
- Temperature:**  
Compensated:  
14 °F to 104 °F (-10 °C to 40 °C)  
Operating:  
0 °F to 150 °F (-18 °C to 65 °C)
- Seal Type:**  
Welded-seal, IP68
- Safe Overload:**  
150% full scale
- Rated Excitation:**  
5 to 10 VDC (15 V maximum)
- Combined Error:**  
0.02% full scale
- Insulation Resistance:**  
5,000 megohm
- 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
- Approvals:**  
cFMus  
NTEP 98-071





Picture is a representation of actual product.

#### Approvals

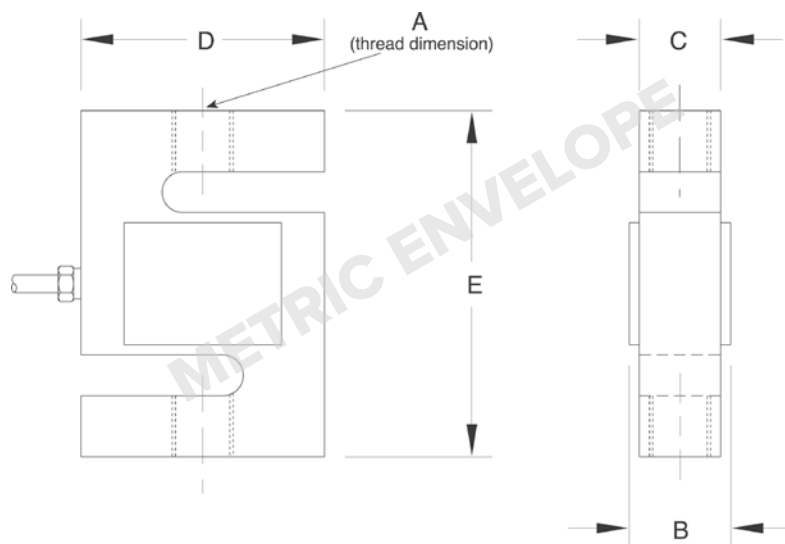


#### Order Information

| 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 |

#### Dimensions

| Rated Capacity | A             | B    | C    | D    | E     |
|----------------|---------------|------|------|------|-------|
| kg/mm          |               |      |      |      |       |
| 250 to 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 |



#### Specifications

**Full Scale Output:**

3.0 mV/V ± 0.25%

**Bridge Resistance:**

350 ohm, nominal

**Material/Finish:**

Alloy steel

**Temperature:**

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

**Seal Type:**

Environmentally sealed, IP67

**Safe Overload:**

150% full scale

**Rated Excitation:**

5 to 10 VAC/DC (15V maximum)

**Combined Error:**

0.02% full scale

**Insulation Resistance:**

5,000 megohm

**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

**Approvals:**

cFMus

OIML R60/1991-GB-95-09



Picture is a representation of actual product.

Approvals

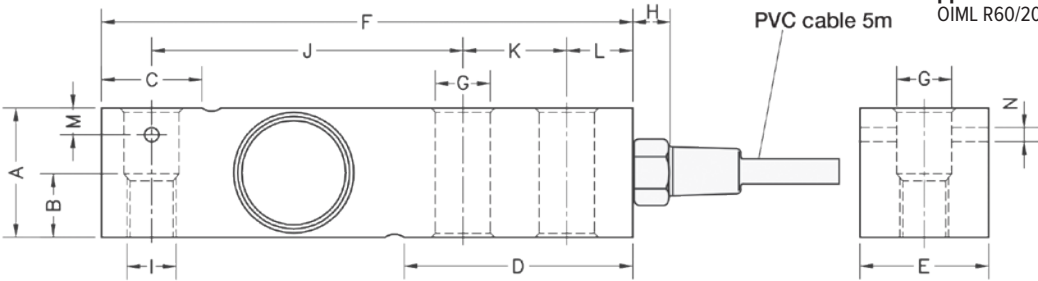


Order Information

| Load Rating | Part # | Est. Weight | Price    |
|-------------|--------|-------------|----------|
| 300 kg      | 211630 | 0.9 kg      | \$312.00 |
| 500 kg      | 211631 | 0.9 kg      | \$312.00 |
| 750 kg      | 211632 | 0.9 kg      | \$312.00 |
| 1,000 kg    | 211633 | 0.9 kg      | \$312.00 |
| 1,500 kg    | 211634 | 0.9 kg      | \$312.00 |
| 2,000 kg    | 211635 | 0.9 kg      | \$312.00 |

Dimensions

| Rated Capacity | A    | B    | C    | D    | E    | F     | G    | H    | I   | J    | K    | L    | M   | N   |
|----------------|------|------|------|------|------|-------|------|------|-----|------|------|------|-----|-----|
| kg/mm          |      |      |      |      |      |       |      |      |     |      |      |      |     |     |
| 300 to 2,000   | 31.5 | 15.0 | 34.6 | 56.0 | 31.5 | 130.0 | 13.5 | 18.0 | M12 | 76.2 | 25.4 | 15.8 | 6.5 | 3.5 |



Specifications

- Full Scale Output:**  
2.0 mV/V ± 0.05%  
mV/V/ohm calibration
- Output Resistance:**  
350 (± 3) ohm
- Input Resistance:**  
400 (± 20) ohm
- Material/Finish:**  
Alloy steel, nickel plated
- Temperature:**  
Compensated:  
-14 °F to 104 °F (-10 °C to 40 °C)  
Operating:  
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:**  
10 VDC (15 V maximum)
- Combined Error:**  
0.017% full scale
- Insulation Resistance:**  
> 5,000 megohm
- Deflection at Capacity:**  
0.2 to 0.4 mm
- Cable Length:**  
5 m
- Cable Color Code:**  
Green +Excitation  
Black -Excitation  
Red +Signal  
White -Signal
- Warranty:**  
Two-year limited
- Approvals:**  
OIML R60/2017-A-NL1-22.11



Picture is a representation of actual product.

## Approvals



## Order Information

| Load Rating | Part # | Est. Weight | Price    |
|-------------|--------|-------------|----------|
| 300 kg      | 211636 | 0.9 kg      | \$350.00 |
| 500 kg      | 211637 | 0.9 kg      | \$350.00 |
| 750 kg      | 211638 | 0.9 kg      | \$350.00 |
| 1,000 kg    | 211639 | 0.9 kg      | \$350.00 |
| 1,500 kg    | 211640 | 0.9 kg      | \$350.00 |
| 2,000 kg    | 211641 | 0.9 kg      | \$350.00 |
| 3,000 kg    | 211642 | 2.2 kg      | \$445.00 |
| 5,000 kg    | 211643 | 2.2 kg      | \$445.00 |

## Dimensions

| Rated Capacity | A    | B    | C    | D    | E    | F     | G    | H    | I   | J    | K    | L    | M   | N   |
|----------------|------|------|------|------|------|-------|------|------|-----|------|------|------|-----|-----|
| kg/mm          |      |      |      |      |      |       |      |      |     |      |      |      |     |     |
| 300 to 2,000   | 31.5 | 15.0 | 34.6 | 56.0 | 31.5 | 130.0 | 13.5 | 18.0 | M12 | 76.2 | 25.4 | 15.8 | 6.5 | 3.5 |
| 3,000 to 5,000 | 48.0 | -    | 37.0 | 76.0 | 41.5 | 171.5 | 20.5 | 18.0 | -   | 75.2 | 38.1 | 19.0 | -   | -   |

## Specifications

### Full Scale Output:

2.0 mV/V  $\pm$  0.05%  
mV/V/ohm calibration

### Output Resistance:

350 ( $\pm$  3) ohm

### Input Resistance:

400 ( $\pm$  20) ohm

### Material/Finish:

Stainless steel

### Temperature:

Compensated:  
-14 °F to 104 °F (-10 °C to 40 °C)  
Operating:  
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 megohm

### Deflection at Capacity:

0.2 to 0.4 mm

### Cable Length:

5 m

### Cable Color Code:

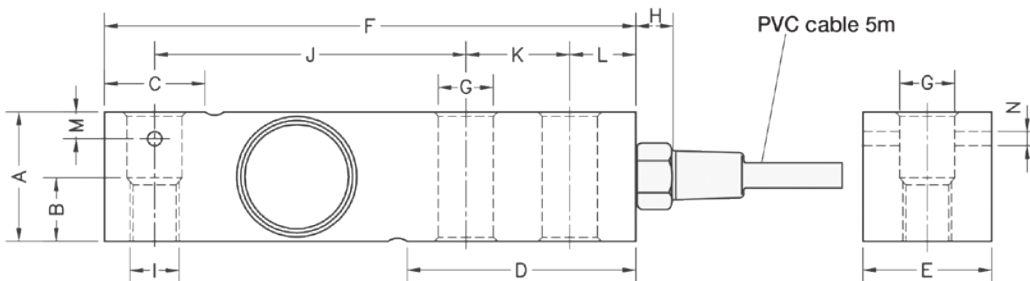
Green +Excitation  
Black -Excitation  
Red +Signal  
White -Signal

### Warranty:

Two-year limited

### Approvals:

OIML



RL32018

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



Picture is a representation of actual product.

Approvals



Order Information

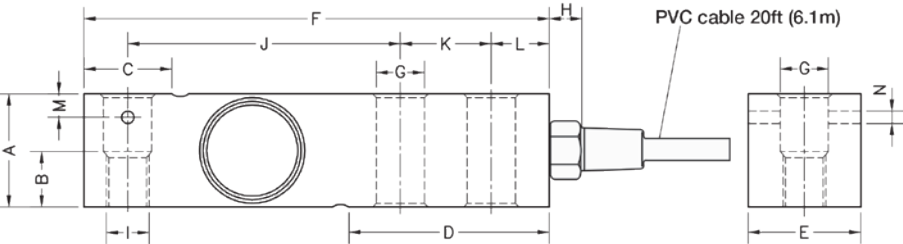
| Load Rating            | Part # | Est. Weight | Price    |
|------------------------|--------|-------------|----------|
| NTEP Certified         |        |             |          |
| 500 lb                 | 189151 | 2 lb        | \$312.00 |
| 1,000 lb               | 189152 | 2 lb        | \$312.00 |
| 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 |
| 15,000 lb*             | 189160 | 10 lb       | \$683.00 |
| 20,000 lb*             | 189161 | 10 lb       | \$683.00 |
| With Overbraided Cable |        |             |          |
| 2,500 lb               | 209166 | 10 lb       | \$350.00 |
| 20,000 lb*             | 197558 | 10 lb       | \$768.00 |

SE=small envelope; LE=large envelope

\* Pending NTEP

Dimensions

| Rated Capacity     | A    | B    | C    | D    | E    | F    | G    | H    | I          | J    | K    | L    | M    | N    |
|--------------------|------|------|------|------|------|------|------|------|------------|------|------|------|------|------|
| lb/in              |      |      |      |      |      |      |      |      |            |      |      |      |      |      |
| 250 to 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 to 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 to 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 to 20,000   | 2.00 | -    | -    | 4.00 | 2.00 | 8.75 | 1.06 | -    | 1-14 UNS   | 4.90 | 2.00 | 1.00 | -    | -    |



Interchangeable Products

VPG® SENSORTRONICS®  
65023A.....page 281  
VPG® CELTRON®  
SQB.....page 191

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS  
RL50210TA..... page 41  
RICE LAKE WEIGHING SYSTEMS  
RL1800 Series ..... page 52

Specifications

**Full Scale Output:**  
3.0 mV/V ± 0.05%  
mV/V/ohm calibration

**Output Resistance:**  
350 (± 3) ohm

**Input Resistance:**  
400 (± 20) ohm

**Material/Finish:**  
Alloy steel, nickel plated

**Temperature:**  
Compensated:  
-14 °F to 104 °F (-10 °C to 40 °C)  
Operating:  
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 megohm

**Deflection at Capacity:**  
0.2 to 0.4 mm

**Cable Length:**  
20 ft

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

**Warranty:**  
Two-year limited

**Approvals:**  
NTEP 18-106  
cFMus FM18US0307X

# SINGLE-ENDED BEAM RL32018 MLC Coated

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



Picture is a representation of actual product.

## Approvals



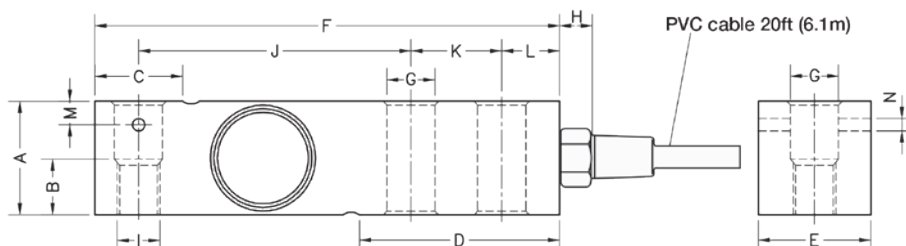
## Order Information

| Load Rating               | Part # | Est. Weight | Price    |
|---------------------------|--------|-------------|----------|
| <b>NTEP Certified</b>     |        |             |          |
| 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 |
| <b>Non-NTEP Certified</b> |        |             |          |
| 15,000 lb                 | 207852 | 10 lb       | \$715.00 |
| 20,000 lb                 | 207853 | 10 lb       | \$715.00 |

SE=small envelope; LE=large envelope

## Dimensions

| Rated Capacity     | A    | B    | C    | D    | E    | F    | G    | H    | I          | J    | K    | L    | M    | N    |
|--------------------|------|------|------|------|------|------|------|------|------------|------|------|------|------|------|
| lb/in              |      |      |      |      |      |      |      |      |            |      |      |      |      |      |
| 1,000 to 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 to 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 to 20,000   | 2.00 | -    | -    | 4.00 | 2.00 | 8.75 | 1.06 | -    | 1-14 UNS   | 4.90 | 2.00 | 1.00 | -    | -    |



## Interchangeable Products

VPG® SENSORTRONICS®  
**65023A**.....page 281  
 VPG® CELTRON®  
**SQB**.....page 191

## Weigh Module Available

RICE LAKE WEIGHING SYSTEMS  
**RL50210TA**..... page 41  
 RICE LAKE WEIGHING SYSTEMS  
**RL1800 Series**..... page 54

## Specifications

**Full Scale Output:**  
 3.0 mV/V ± 0.05%  
 mV/V/ohm calibration

**Output Resistance:**  
 350 (± 3) ohm

**Input Resistance:**  
 400 (± 20) ohm

**Material/Finish:**  
 Alloy steel, nickel plated, coated

**Temperature:**  
 Compensated:  
 -14 °F to 104 °F (-10 °C to 40 °C)  
 Operating:  
 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 megohm

**Deflection at Capacity:**  
 0.2 to 0.4 mm

**Cable Length:**  
 20 ft

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

**Warranty:**  
 Two-year limited

**Approvals:**  
 cFMus  
 NTEP 18-106

RICE LAKE  
LOAD CELLS

SINGLE-ENDED BEAM  
**RL32018S**

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



Picture is a representation of actual product.

Approvals



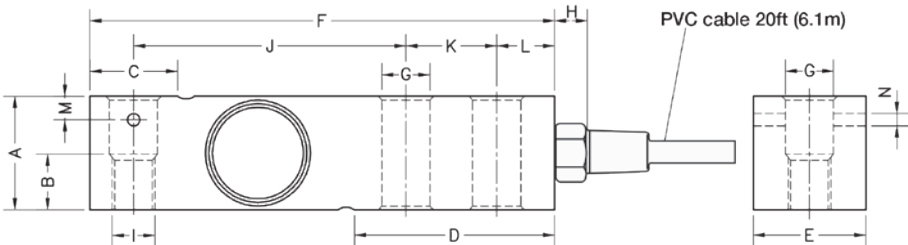
Order Information

| Load Rating        | Part # | Est. Weight | Price    |
|--------------------|--------|-------------|----------|
| NTEP Certified     |        |             |          |
| 500 lb             | 189163 | 3 lb        | \$344.00 |
| 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 |
| 15,000 lb*         | 189171 | 10 lb       | \$736.00 |
| 20,000 lb*         | 189172 | 10 lb       | \$736.00 |

SE=small envelope; LE=large envelope  
\*Pending NTEP

Dimensions

| Rated Capacity     | A    | B    | C    | D    | E    | F    | G    | H    | I          | J    | K    | L    | M    | N    |
|--------------------|------|------|------|------|------|------|------|------|------------|------|------|------|------|------|
| lb/in              |      |      |      |      |      |      |      |      |            |      |      |      |      |      |
| 250 to 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 to 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 to 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 to 20,000   | 2.00 | -    | -    | 4.00 | 2.00 | 8.75 | 1.06 | -    | 1-14 UNS   | 4.90 | 2.00 | 1.00 | -    | -    |



Interchangeable Products

|                            |                |
|----------------------------|----------------|
| RICE LAKE WEIGHING SYSTEMS |                |
| RL35023S                   | ..... page 117 |
| VPG® SENSORTRONICS®        |                |
| 65023S                     | ..... page 283 |
| VPG SENSORTRONICS          |                |
| 65023SS                    | ..... page 282 |
| VPG® CELTRON®              |                |
| SQB-HSS                    | ..... page 192 |

Weigh Module Available

|                            |               |
|----------------------------|---------------|
| RICE LAKE WEIGHING SYSTEMS |               |
| RL50210TA                  | ..... page 41 |
| RICE LAKE WEIGHING SYSTEMS |               |
| RL1800 Series              | ..... page 52 |

Specifications

**Full Scale Output:**  
3.0 mV/V  $\pm$  0.05%  
mV/V/ohm calibration

**Output Resistance:**  
350 ( $\pm$  3) ohm

**Input Resistance:**  
400 ( $\pm$  20) ohm

**Material/Finish:**  
Stainless steel

**Temperature:**  
Compensated:  
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 megohm

**Deflection at Capacity:**  
0.2 to 0.4 mm

**Cable Length:**  
20 ft

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

**Warranty:**  
Two-year limited

**Approvals:**  
cFMus  
NTEP 18-106





Picture is a representation of actual product.

## Approvals



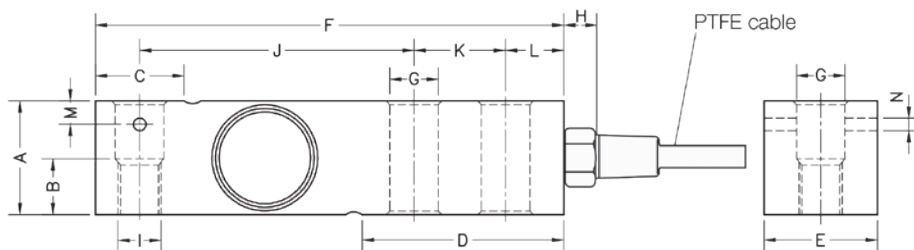
## Order Information

| 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

## Dimensions

| Rated Capacity<br>lb/in | A    | B    | C    | D    | E    | F    | G    | H    | I          | J    | K    | L    | M    | N    |
|-------------------------|------|------|------|------|------|------|------|------|------------|------|------|------|------|------|
| 1,000 to 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 to 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 | —    | —    |



## Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

**RL32018S-HE**.....page 108

VPG® SENSORTRONICS®

**65083**.....page 284

VPG® CELTRON®

**SQB-HSS**.....page 192

## Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

**RL1800 Series**.....page 52

## Specifications

### Full Scale Output:

3.0 mV/V  $\pm$  0.05%  
mV/V/ohm calibration

### Output Resistance:

350 ( $\pm$  3) ohm

### Input Resistance:

400 ( $\pm$  20) ohm

### Material/Finish:

Stainless steel

### Temperature:

Compensated:  
-14 °F to 104 °F (-10 °C to 40 °C)  
Operating:  
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 megohm

### Deflection at Capacity:

0.2 to 0.4 mm

### Cable Length:

20 ft PTFE cable

### Cable Color Code:

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

### Warranty:

Two-year limited

### Approvals:

cFMus

SINGLE-ENDED BEAM  
**RL32018S-HE**

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



Picture is a representation of actual product.

Approvals



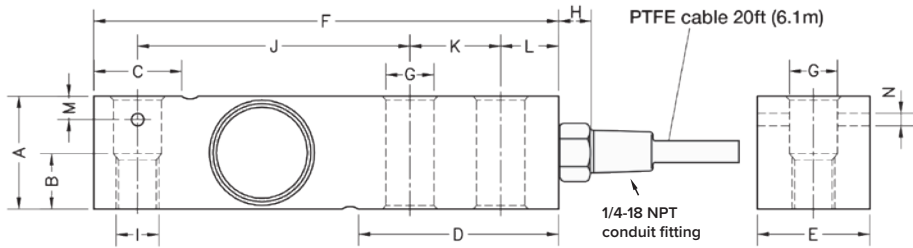
Order Information

| Load Rating | Part # | Est. Weight | Price    |
|-------------|--------|-------------|----------|
| 500 lb      | 189175 | 3 lb        | \$429.00 |
| 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 |
| 5,000 lb SE | 208667 | 3 lb        | \$429.00 |
| 5,000 lb LE | 189182 | 5 lb        | \$477.00 |
| 10,000 lb   | 189183 | 5 lb        | \$477.00 |

SE=small envelope; LE=large envelope

Dimensions

| Rated Capacity  | A    | B    | C    | D    | E    | F    | G    | H    | I          | J    | K    | L    | M    | N    |
|-----------------|------|------|------|------|------|------|------|------|------------|------|------|------|------|------|
| lb/in           |      |      |      |      |      |      |      |      |            |      |      |      |      |      |
| 500 to 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 to 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 | -    | -    |



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS  
**RL32018S-P (non-NTEP)** . page 107  
VPG® SENSORTRONICS®  
**65083**..... page 284  
VPG® CELTRON®  
**SQB-HSS** ..... page 192

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS  
**RL1800 Series** ..... page 52

Specifications

**Full Scale Output:**  
3.0 mV/V  $\pm$  0.05%  
mV/V/ohm calibration

**Output Resistance:**  
350 ( $\pm$  3) ohm

**Input Resistance:**  
400 ( $\pm$  20) ohm

**Material/Finish:**  
Stainless steel

**Temperature:**  
Compensated:  
14 °F to 104 °F (-10 °C to 40 °C)  
Operating:  
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 to 10 VDC (15 V maximum)

**Combined Error:**  
0.017% full scale

**Insulation Resistance:**  
> 5,000 megohm

**Cable Length:**  
20 ft PTFE cable

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

**Warranty:**  
Two-year limited

**Approvals:**  
cFMus  
NTEP 18-106



Picture is a representation of actual product.

## Approvals



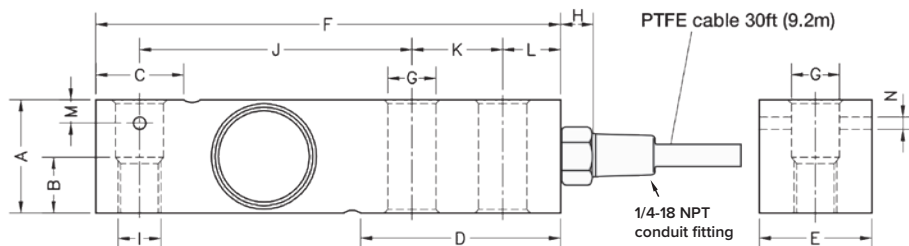
## Order Information

| 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 |
| 5,000 lb SE | 208668 | 4 lb        | \$482.00 |
| 5,000 lb LE | 191632 | 6 lb        | \$535.00 |
| 10,000 lb   | 191633 | 6 lb        | \$535.00 |

SE=small envelope; LE=large envelope

## Dimensions

| Rated Capacity     | A    | B    | C    | D    | E    | F    | G    | H    | I          | J    | K    | L    | M    | N    |
|--------------------|------|------|------|------|------|------|------|------|------------|------|------|------|------|------|
| lb/in              |      |      |      |      |      |      |      |      |            |      |      |      |      |      |
| 1,000 to 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 to 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 | —    | —    |



## Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

**RL35082**

VPG® SENSORTRONICS®

**65083S** (20 ft cable) ..... page 285

## Specifications

### Full Scale Output:

2.0 mV/V  $\pm$  0.05%  
mV/V/ohm calibration

### Output Resistance:

350 ( $\pm$  3) ohm

### Input Resistance:

400 ( $\pm$  20) ohm

### Material/Finish:

Stainless steel

### Temperature:

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

### Seal Type:

Hermetically sealed, IP69K

### Safe Overload:

150% full scale

### Rated Excitation:

5 to 10 VDC (15 V maximum)

### Combined Error:

0.017% full scale

### Insulation Resistance:

> 5,000 megohm

### Deflection at Capacity:

0.2 to 0.4 mm

### Cable Length:

30 ft PTFE cable

### Cable Color Code:

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

### Warranty:

Two-year limited

### Approvals:

cFMus  
NTEP 18-106

RL32218S-HE

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



Picture is a representation of actual product.

Approvals



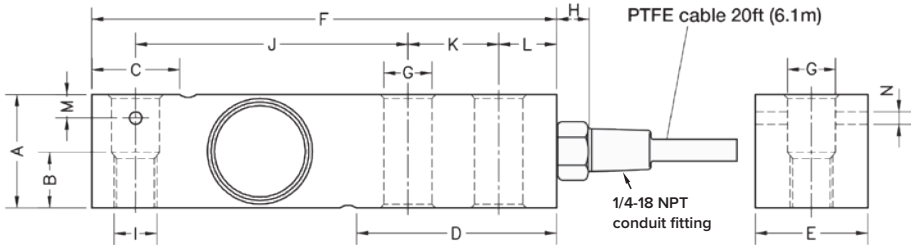
Order Information

| Load Rating                         | Part # | Est. Weight | Price    |
|-------------------------------------|--------|-------------|----------|
| RL32218S-HE PTFE Cable              |        |             |          |
| 1,000 lb                            | 191634 | 3 lb        | \$429.00 |
| 2,500 lb                            | 191635 | 3 lb        | \$429.00 |
| 4,000 lb                            | 191636 | 3 lb        | \$429.00 |
| 5,000 lb SE                         | 208669 | 3 lb        | \$429.00 |
| 5,000 lb LE                         | 191637 | 5 lb        | \$477.00 |
| 10,000 lb                           | 191638 | 5 lb        | \$477.00 |
| RL32218S-HE Rodent Protection Cable |        |             |          |
| 1,000 lb                            | 223599 | 3 lb        | \$405.00 |
| 2,500 lb                            | 209620 | 3 lb        | \$405.00 |
| 4,000 lb                            | 223600 | 3 lb        | \$405.00 |
| 5,000 lb LE                         | 223601 | 5 lb        | \$525.00 |
| 10,000 lb                           | 222973 | 5 lb        | \$525.00 |

SE=small envelope; LE=large envelope

Dimensions

| Rated Capacity     | A    | B    | C    | D    | E    | F    | G    | H    | I          | J    | K    | L    | M    | N    |
|--------------------|------|------|------|------|------|------|------|------|------------|------|------|------|------|------|
| lb/in              |      |      |      |      |      |      |      |      |            |      |      |      |      |      |
| 1,000 to 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 to 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 | -    | -    |



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL35082

RICE LAKE WEIGHING SYSTEMS

RL32019S-HE.....page 109

VPG® SENSORTRONICS®

65083S.....page 285

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL50210TA.....page 41

RICE LAKE WEIGHING SYSTEMS

RL1800 Series.....page 52

Specifications

Full Scale Output:

2.0 mV/V ± 0.05%  
mV/V/ohm calibration

Output Resistance:

350 (± 3) ohm

Input Resistance:

400 (± 20) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:  
14 °F to 104 °F (-10 °C to 40 °C)

Operating:  
0 °F to 200 °F (-18 °C to 93 °C)

Seal Type:

Hermetically sealed, IP69K

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.017% full scale

Insulation Resistance:

> 5,000 megohm

Cable Length:

20 ft PTFE cable  
30 ft RP

Cable Color Code:

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

Warranty:

Two-year limited

Approvals:

cFMus  
NTEP 18-106



Picture is a representation of actual product.

### Approvals

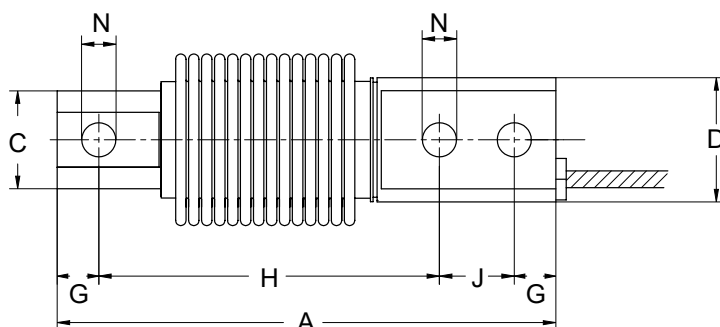
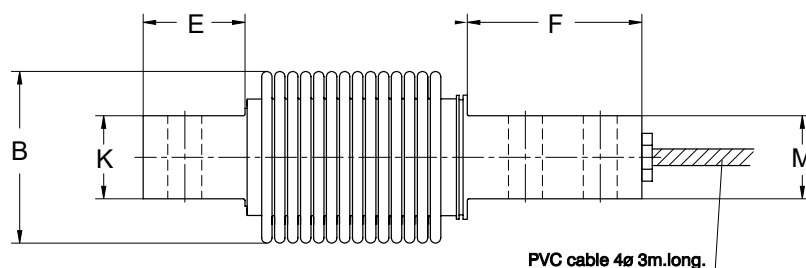


### Order Information

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

### Dimensions

| Rated Capacity | A     | B    | C    | D    | E    | F    | G    | H    | J    | K    | M    | N   |
|----------------|-------|------|------|------|------|------|------|------|------|------|------|-----|
| kg/mm          |       |      |      |      |      |      |      |      |      |      |      |     |
| 5 to 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 |



### Interchangeable Products

RICE LAKE WEIGHING SYSTEMS  
**RLHBB**

### Specifications

#### Full Scale Output:

2.0 mV/V  $\pm$  10%

#### Output Resistance:

350 ( $\pm$  3) ohm

#### Input Resistance:

400 ( $\pm$  20) ohm

#### Material/Finish:

Stainless steel

#### Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

#### Seal Type:

Hermetically sealed, IP68/IP69K

#### Safe Overload:

150% full scale

#### Rated Excitation:

5 to 10 VDC (15 V maximum)

#### Combined Error:

0.017% full scale

#### Insulation Resistance:

> 5,000 megohm

#### Deflection at Capacity:

0.2 to 0.4 mm

#### Cable Length:

3 m

PVC cable

#### Cable Color Code:

Blue +Excitation

Black -Excitation

White +Signal

Red -Signal

Green +Sense

Yellow -Sense

#### Warranty:

Two-year limited

#### Approvals:

NTEP 18-107

OIML R60/2017-A-NL1-19.27

cFMus FM18US0307X



Picture is a representation of actual product.

#### Approvals



#### Order Information

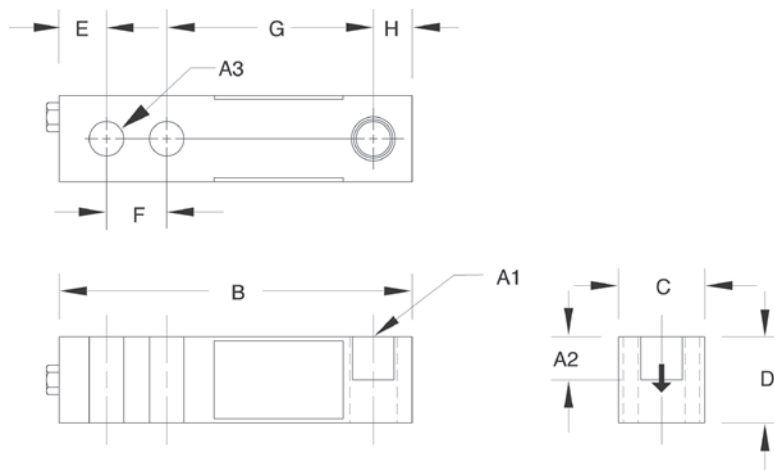
| Load Rating   | Part # | Est. Weight | Price    |
|---|--------|-------------|----------|
| <b>NTEP Certified</b>   |        |             |          |
| 1,000 lb  | 21491  | 3 lb        | \$312.00 |
| 2,000 lb  | 21493  | 3 lb        | \$312.00 |
| 2,500 lb  | 21495  | 3 lb        | \$312.00 |
| 3,000 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 |
| <b>Non-NTEP Certified</b>   |        |             |          |
| 250 lb  | 17341  | 3 lb        | \$312.00 |
| 500 lb  | 17342  | 3 lb        | \$312.00 |
| 20,000 lb   | 17109  | 10 lb       | \$684.00 |
| <b>Conduit Adapter Kit (must be factory installed to maintain warranty)</b> |        |             |          |
| 3/8-24 nipple   | 31533* | 1 lb        | \$40.00  |
| 3/8-24 to 1/4-18 NPT  | 31534* | 1 lb        | \$40.00  |

SE=small envelope; LE=large envelope

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

#### Dimensions

| Rated Capacity     | A1         | A2   | A3   | B    | C    | D    | E    | F    | G    | H    |
|--------------------|------------|------|------|------|------|------|------|------|------|------|
| <b>lb/in</b>       |            |      |      |      |      |      |      |      |      |      |
| 250 to 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 to 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 |



#### Interchangeable Products

VPG® REVERE

**5123**..... page 246

VPG® TEDEA-HUNTLEIGH®

**3411**..... page 306

ARTECH®

**30310**

#### Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

**RL50210TA**..... page 41

RICE LAKE WEIGHING SYSTEMS

**RL1800 Series**..... page 52

#### Specifications

##### Full Scale Output:

3.0 mV/V

##### Bridge Resistance:

350 ohm, nominal

##### Material/Finish:

High-alloy steel, nickel plated

##### Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

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 to 10 VAC (15 V maximum)

##### Combined Error:

0.02% full scale

##### Insulation Resistance:

5,000 megohm

##### Deflection at Capacity:

250 to 1,000 lb: 0.013 in

2,000 to 3,000 lb: 0.015 in

4,000 to 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

##### Approvals:

cFMus

NTEP 98-043



# SINGLE-ENDED BEAM RL30002 Thru Hole

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



Picture is a representation of actual product.

## Approvals



## Order Information

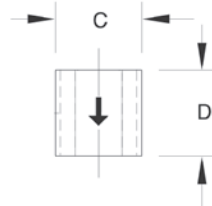
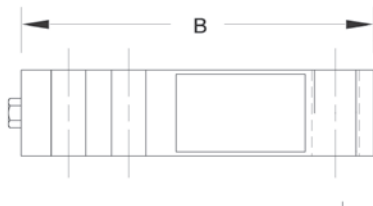
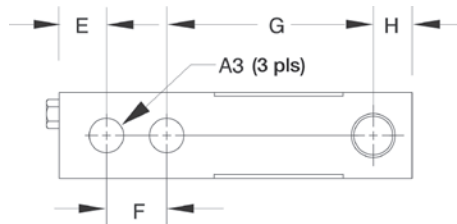
| Load Rating   | Part # | Est. Weight | Price    |
|---|--------|-------------|----------|
| <b>NTEP Certified</b>   |        |             |          |
| 1,000 lb  | 21521  | 3 lb        | \$312.00 |
| 2,000 lb  | 21522  | 3 lb        | \$312.00 |
| 2,500 lb  | 21523  | 3 lb        | \$312.00 |
| 4,000 lb  | 21524  | 3 lb        | \$312.00 |
| 5,000 lb SE   | 21525  | 3 lb        | \$312.00 |
| <b>Conduit Adapter Kit (must be factory installed to maintain warranty)</b> |        |             |          |
| 3/8-24 nipple   | 31533* | 1 lb        | \$40.00  |
| 3/8-24 to 1/4-18 NPT  | 31534* | 1 lb        | \$40.00  |

SE=small envelope

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

## Dimensions

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



## 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:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

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 to 10 VDC (15 V maximum)

### Combined Error:

0.02% full scale

### Insulation Resistance:

5,000 megohm

### Deflection at Capacity:

1,000 lb: 0.013 in

2,000 to 3,000 lb: 0.015 in

4,000 to 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:

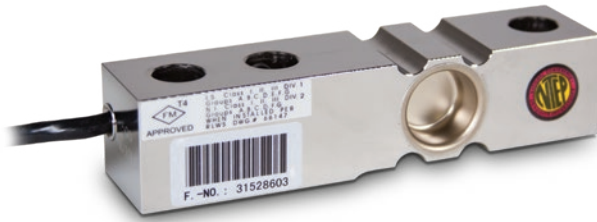
Two-year limited

### Approvals:

cFMus

NTEP 98-043

RICE LAKE  
LOAD CELLS



Picture is a representation of actual product.

#### Approvals

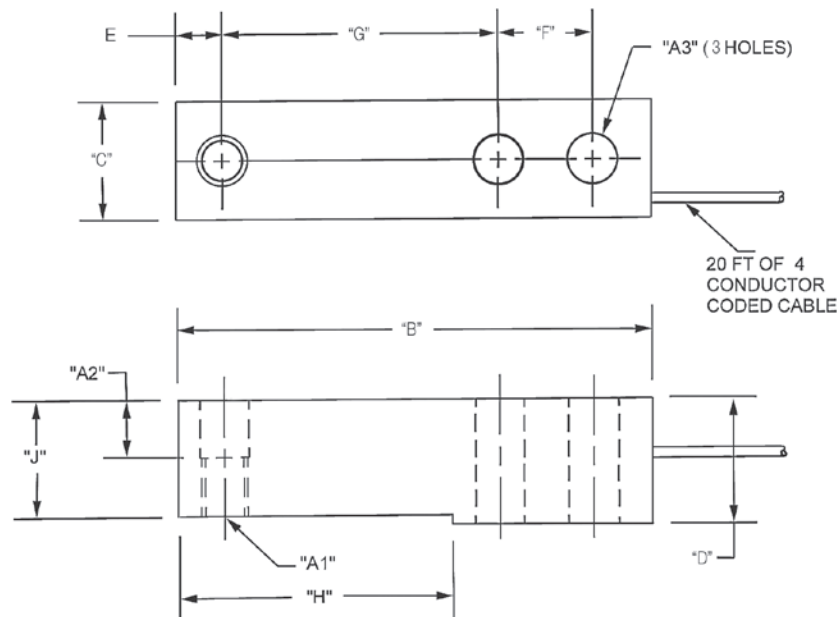


#### Order Information

| Load Rating | Part #        | Est. Weight | Price    |
|-------------|---------------|-------------|----------|
| 500 lb      | <b>106038</b> | 4 lb        | \$475.00 |

#### Dimensions

| Rated Capacity | A1         | A2   | A3   | C    | D    | B    | E    | F    | G    | H    | J     |
|----------------|------------|------|------|------|------|------|------|------|------|------|-------|
| lb/in          |            |      |      |      |      |      |      |      |      |      |       |
| 500            | 1/2-20 UNF | 0.62 | 0.53 | 1.21 | 1.19 | 5.12 | 0.50 | 1.00 | 3.00 | 2.85 | 1.120 |



#### Interchangeable Products

|                             |          |
|-----------------------------|----------|
| HBK®                        |          |
| <b>H35</b> .....            | page 224 |
| METTLER TOLEDO®             |          |
| <b>500 lb-8 ft cable</b>    |          |
| TB601019-008                |          |
| <b>1,000 lb-20 ft cable</b> |          |
| TB601016-020                |          |
| <b>2,500 lb-8 ft cable</b>  |          |
| TB601016-008                |          |

#### Specifications

##### Full Scale Output:

3.0 mV/V

##### Output Resistance:

350 ohm, nominal

##### Input Resistance:

385 ohm, nominal

##### Material/Finish:

Stainless steel

##### Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

##### Seal Type:

Welded-seal, IP67

##### Safe Overload:

150% full scale

##### Rated Excitation:

5 to 10 VDC (15 V maximum)

##### Combined Error:

0.02% full scale

##### Insulation Resistance:

5,000 megohm

##### Deflection at Capacity:

0.02 in

##### Cable Length:

20 ft

##### Cable Diameter:

0.190 in

Polyurethane jacket

##### Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Yellow Shield

##### Warranty:

Two-year limited

##### Approvals:

FM

NTEP 06-023

**Interchangeable Products**

VPG® REVERE

**9123**.....page 247

ARTECH®

**SS30310****Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS

**RL50210TA**..... page 41

RICE LAKE WEIGHING SYSTEMS

**RL1800 Series**..... page 52**Specifications****Full Scale Output:**

3.0 mV/V

**Output Resistance:**

349 to 355 ohm

**Input Resistance:**

343 to 357 ohm

**Material/Finish:**

Stainless steel

**Temperature:**

Operating:

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 to 10 VDC (15 V maximum)

**Nonlinearity:**

0.03% full scale

**Hysteresis:**

0.02% full scale

**Insulation Resistance:**

5,000 megohm

**Deflection at Capacity:**

250 to 1,000 lb: 0.013 in

2,000 to 3,000 lb: 0.015 in

4,000 to 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

**Approvals:**

cFMus



Picture is a representation of actual product.

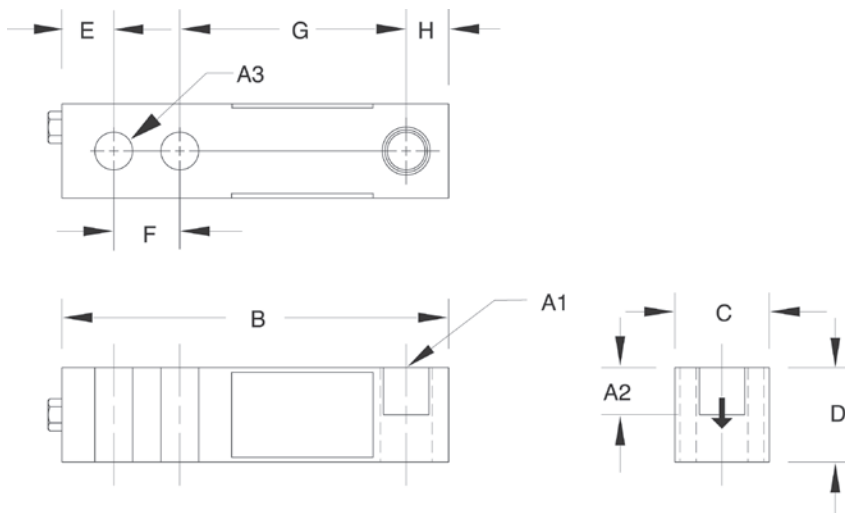
**Approvals****Order Information**

| Load Rating   | Part #        | Est. Weight | Price    |
|---|---------------|-------------|----------|
| <b>20 ft Cables</b>   |               |             |          |
| 250 lb  | <b>17386</b>  | 3 lb        | \$344.00 |
| 500 lb  | <b>17387</b>  | 3 lb        | \$344.00 |
| 1,000 lb  | <b>17189</b>  | 3 lb        | \$344.00 |
| 2,500 lb  | <b>17191</b>  | 3 lb        | \$344.00 |
| 4,000 lb  | <b>17193</b>  | 3 lb        | \$344.00 |
| 5,000 lb  | <b>17194</b>  | 5 lb        | \$439.00 |
| 10,000 lb   | <b>17195</b>  | 5 lb        | \$439.00 |
| <b>30 ft Cables</b>   |               |             |          |
| 4,000 lb  | <b>95562</b>  | 3 lb        | \$365.00 |
| <b>Conduit Adapter Kit (must be factory installed to maintain warranty)</b> |               |             |          |
| 3/8-24 nipple   | <b>31533*</b> | 1 lb        | \$40.00  |
| 3/8-24 to 1/4-18 NPT  | <b>31534*</b> | 1 lb        | \$40.00  |

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

**Dimensions**

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



SINGLE-ENDED BEAM  
**RL32018S-T**

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



Picture is a representation of actual product.

Approvals

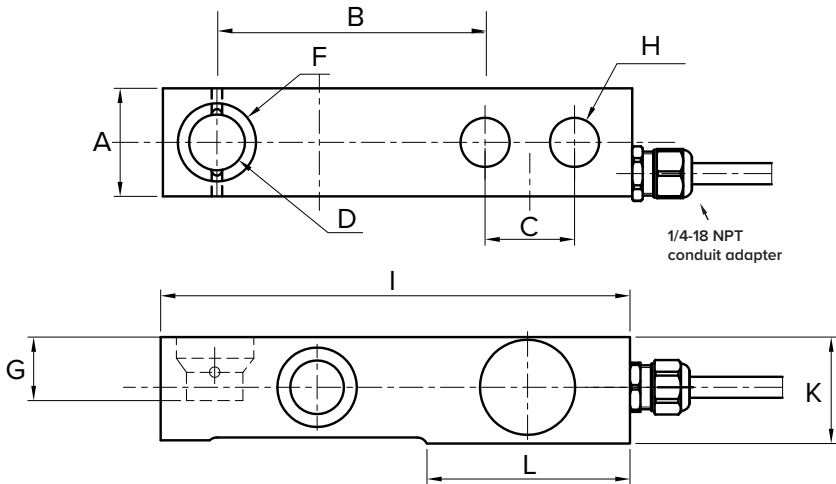


Order Information

| Load Rating                  | Part # | Est. Weight | Price    |
|------------------------------|--------|-------------|----------|
| <b>15 ft Cable</b>           |        |             |          |
| 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 |
| <b>30 ft Cable</b>           |        |             |          |
| 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 |
| <b>Replacement load pins</b> |        |             |          |
| Rocker pin 500 to 2.5 K      | 108612 | 1 lb        | \$85.00  |
| Rocker pin 5 K               | 130408 | 1 lb        | \$90.00  |
| Rocker pin 10 K              | 131376 | 1 lb        | \$130.00 |
| O-ring (two per pin)         | 108202 | 1 lb        | \$1.00   |

Dimensions

| Rated Capacity | A    | B    | C    | D    | F    | G    | H    | I    | K    | L    |
|----------------|------|------|------|------|------|------|------|------|------|------|
| lb/in          |      |      |      |      |      |      |      |      |      |      |
| 500 to 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 |



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**  
HBK®  
**THC**

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS  
**RLTM**..... page 56

Specifications

**Full Scale Output:**  
2.0 mV/V  $\pm$  0.05%  
mV/V/ohm calibration

**Output Resistance:**  
350 ( $\pm$  3) ohm

**Input Resistance:**  
400 ( $\pm$  20) ohm

**Material/Finish:**  
Stainless steel

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

**Seal Type:**  
Hermetically sealed, IP69K

**Safe Overload:**  
150% full scale

**Rated Excitation:**  
5 to 10 VDC

**Combined Error:**  
0.017% full scale

**Insulation Resistance:**  
5,000 megohm

**Cable Length:**  
15 ft  
30 ft

**Cable Color Code:**  
Green +Excitation  
Black -Excitation  
White +Signal  
Red -Signal  
Shield is attached to element

**Warranty:**  
Two-year limited

**Approvals:**  
cFMus  
NTEP 18-106



SINGLE-ENDED BEAM

RL35023S MLC Coated

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



Picture is a representation of actual product.

Approvals



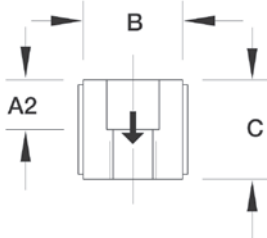
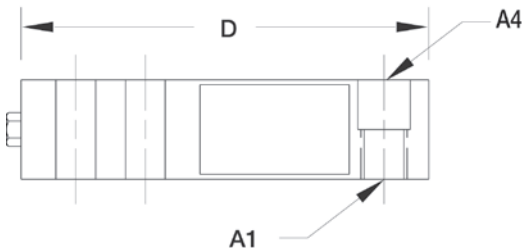
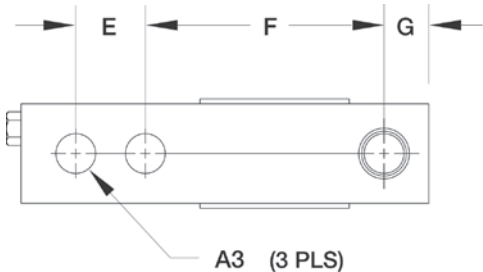
Order Information

| Load Rating  | Part # | Est. Weight | Price    |
|--|--------|-------------|----------|
| 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        | \$40.00  |
| 3/8-24 to 1/4-18 NPT   | 31534* | 1 lb        | \$40.00  |

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

Dimensions

| Rated Capacity | A1         | A2   | A3   | A4       | B    | C    | D    | E    | F    | G    |
|----------------|------------|------|------|----------|------|------|------|------|------|------|
| lb/in          |            |      |      |          |      |      |      |      |      |      |
| 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 |



Interchangeable Products

|                     |          |
|---------------------|----------|
| VPG® SENSORTRONICS® |          |
| 65023S*             | page 283 |
| VPG SENSORTRONICS   |          |
| 65023SS*            | page 282 |
| VPG® CELTRON®       |          |
| SQB-HSS*            | page 192 |

Weigh Module Available

|                            |         |
|----------------------------|---------|
| RICE LAKE WEIGHING SYSTEMS |         |
| RL50210TA.....             | page 41 |
| RICE LAKE WEIGHING SYSTEMS |         |
| RL1800 Series.....         | page 52 |

\*Cells are uncoated

Specifications

- Full Scale Output:  
3.0 mV/V
- Output Resistance:  
349 to 355 ohm
- Input Resistance:  
343 to 357 ohm
- Material/Finish:  
Stainless steel, coated
- Temperature:  
Compensated:  
14 °F to 104 °F (-10 °C to 40 °C)  
Operating:  
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 to 10 VDC (15 V maximum)
- Combined Error:  
0.02% full scale
- Insulation Resistance:  
5,000 megohm
- Deflection at Capacity:  
10,000 lb: 0.025 to 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
- Warranty:  
Two-year limited
- Approvals:  
cFMus  
NTEP 94-134

RICE LAKE  
LOAD CELLS

RLHTO

Stainless Steel, Hermetically Sealed, IP66/68



Picture is a representation of actual product.

Approvals

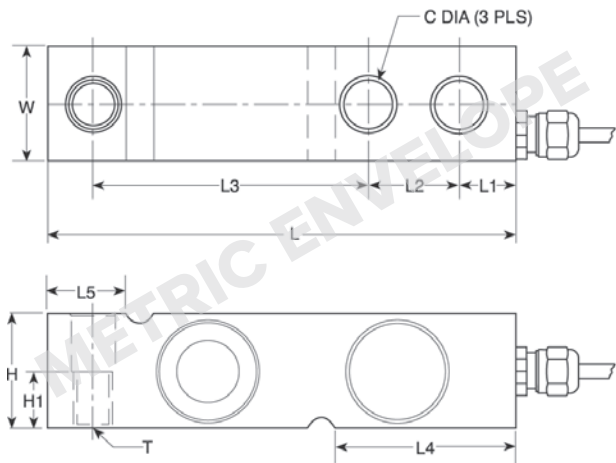


Order Information

| 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 |

Dimensions

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



Interchangeable Products

VPG® TEDEA-HUNTLEIGH®  
3510-OIML .....page 308

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS  
1700 HE .....page 33

Specifications

- Full Scale Output:**  
2.0 mV/V
- Output Resistance:**  
350 (± 3) ohm
- Input Resistance:**  
380 (± 10) ohm
- Material/Finish:**  
Stainless steel
- Temperature:**  
Operating:  
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 to 10 VDC (15 V maximum)
- Combined Error:**  
0.02% applied load
- Insulation Resistance:**  
2,000 megohm
- 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
- Approvals:**  
cFMus





Picture is a representation of actual product.

#### Approvals

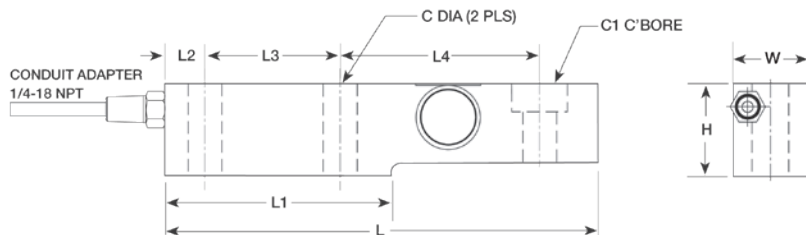


#### Order Information

| Load Rating                   | Part #       | Est. Weight | Price    |
|-------------------------------|--------------|-------------|----------|
| 1,000 lb                      | <b>34310</b> | 5 lb        | \$635.00 |
| 2,000 lb                      | <b>34311</b> | 5 lb        | \$635.00 |
| 5,000 lb                      | <b>34312</b> | 6 lb        | \$635.00 |
| 10,000 lb                     | <b>34313</b> | 10 lb       | \$760.00 |
| <b>Options</b>                |              |             |          |
| Load cell button (1 K to 5 K) | <b>26112</b> | —           | \$37.00  |

#### Dimensions

| Rated Capacity | C    | C1                              | H    | L    | L1   | L2   | L3   | L4   | W    |
|----------------|------|---------------------------------|------|------|------|------|------|------|------|
| lb/in          |      |                                 |      |      |      |      |      |      |      |
| 1,000 to 5,000 | 0.53 | 0.68 thru C'Bore 1.19 x 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 x 0.62 DP | 2.75 | 9.25 | 4.62 | 0.81 | 2.63 | 4.88 | 1.88 |



#### Interchangeable Products

ARTECH®

**SS30610**

#### Weight Module Available

RICE LAKE WEIGHING SYSTEMS

**RL1900 Series** ..... page 55

#### Specifications

##### Full Scale Output:

2.0 mV/V

##### Bridge Resistance:

350 ohm, nominal

##### Material/Finish:

Stainless steel

##### Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

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 to 10 VDC (15 V maximum)

##### Combined Error:

0.02% full scale

##### Non-repeatability:

0.01% full scale

##### Insulation Resistance:

5,000 megohm

##### 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

##### Approvals:

cFMus  
NTEP 96-053

SINGLE-ENDED BEAM

RLSB250/RLSB250T

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



Picture is a representation of actual product.

Approvals

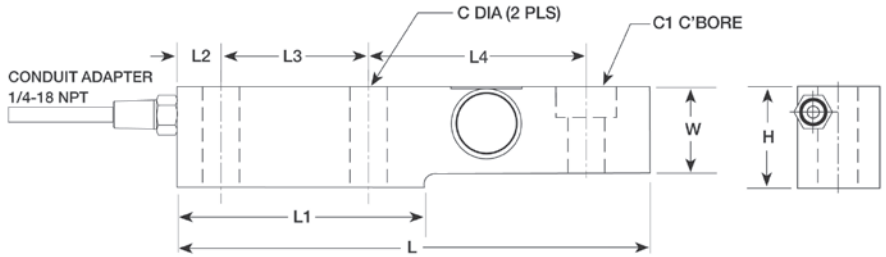


Order Information

| Load Rating      | Part # | Est. Weight | Price    |
|------------------|--------|-------------|----------|
| Threaded         |        |             |          |
| 2,500 lb         | 116053 | 6 lb        | \$635.00 |
| 5,000 lb         | 116054 | 6 lb        | \$745.00 |
| Thru Hole        |        |             |          |
| 2,500 lb         | 34482  | 6 lb        | \$635.00 |
| 10,000 lb        | 116055 | 10 lb       | \$745.00 |
| Options          |        |             |          |
| Load cell button | 116084 | —           | \$11.00  |

Dimensions

| Rated Capacity | C    | C1             | H    | L    | L1   | L2   | L3   | L4   | T          | W    |
|----------------|------|----------------|------|------|------|------|------|------|------------|------|
| lb/in          |      |                |      |      |      |      |      |      |            |      |
| 2,500          | 0.53 | 1.20 x 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 x 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 x 0.75 DP | 2.46 | 9.00 | 4.00 | 0.75 | 2.00 | 5.25 | —          | 1.62 |



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:  
14 °F to 104 °F (-10 °C to 40 °C)  
Operating:  
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 to 10 VDC (15 V maximum)
- Combined Error:**  
0.02% full scale
- Non-repeatability:**  
0.01% full scale
- Insulation Resistance:**  
5,000 megohm
- Cable Length:**  
20 ft  
PN 34482: 15 ft
- Cable Diameter:**  
0.200 in  
Polyurethane jacket
- Cable Color Code:**  
Green +Excitation  
Black -Excitation  
White +Signal  
Red -Signal
- Warranty:**  
Two-year limited
- Approvals:**  
cFMus  
NTEP 96-053



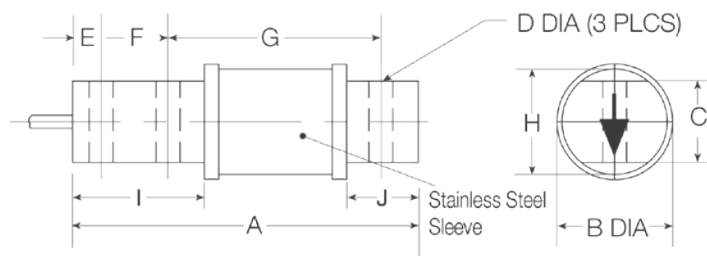
Picture is a representation of actual product.

## 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 |

## Dimensions

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



## Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

**RL50210 (alloy)**.....page 122

RICE LAKE WEIGHING SYSTEMS

**RL60040SST**

## Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

**RL50219SS-TA**.....page 45

## Specifications

### Full Scale Output:

3.0 mV/V

### Output Resistance:

350 (± 3) ohm

### Input Resistance:

380 to 450 ohm

### Material/Finish:

Stainless steel

### Temperature:

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

### Seal Type:

Environmentally sealed, IP65

### Safe Overload:

150% full scale

### Rated Excitation:

5 to 10 VDC

### Nonlinearity:

0.03% full scale

### Hysteresis:

0.02% full scale

### Combined Error:

0.017% full scale

### Insulation Resistance:

5,000 megohm

### Cable Length:

20 ft

### Cable Color Code:

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

### Warranty:

Two-year limited

RL50210

Alloy Steel, Environmentally Sealed, IP65



Picture is a representation of actual product.

Approvals

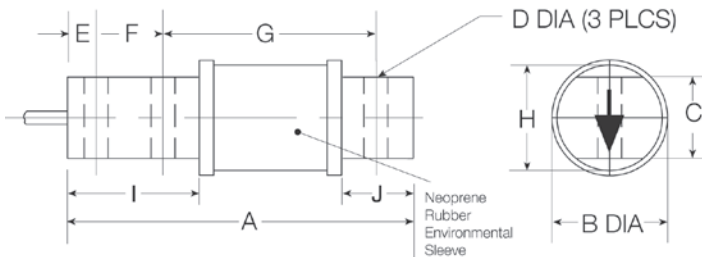


Order Information

| 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 |

Dimensions

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



RICE LAKE  
LOAD CELLS

Interchangeable Products

|                            |
|----------------------------|
| RICE LAKE WEIGHING SYSTEMS |
| RL50219SS.....page 121     |
| VPG® SENSORTRONICS®        |
| 60040 ..... page 286       |
| ARTECH®                    |
| 50210                      |
| VPG® REVERE                |
| 5503                       |

Weigh Module Available

|                            |
|----------------------------|
| RICE LAKE WEIGHING SYSTEMS |
| RL50210TA..... page 41     |

Specifications

|                                |   |
|--------------------------------|---|
| <b>Full Scale Output:</b>      | 3.0 mV/V  |
| <b>Output Resistance:</b>      | 349 to 355 ohm  |
| <b>Input Resistance:</b>       | 360 to 450 ohm  |
| <b>Material/Finish:</b>        | High-alloy steel, nickel plated   |
| <b>Temperature:</b>            | Operating:<br>0 °F to 150 °F (-18 °C to 65 °C)  |
| <b>Seal Type:</b>              | Environmentally sealed with neoprene sleeve, IP65   |
| <b>Safe Overload:</b>          | 150% full scale   |
| <b>Rated Excitation:</b>       | 5 to 10 VDC (15 V maximum)  |
| <b>Nonlinearity:</b>           | 0.03% full scale  |
| <b>Hysteresis:</b>             | 0.02% full scale  |
| <b>Insulation Resistance:</b>  | 5,000 megohm  |
| <b>Deflection at Capacity:</b> | 25 to 50 lb: 0.008 in<br>100 lb: 0.010 in<br>150 lb: 0.012 in<br>250 lb: 0.016 in<br>500 lb: 0.025 in |
| <b>Cable Length:</b>           | 20 ft   |
| <b>Cable Diameter:</b>         | 0.200 in<br>Polyurethane jacket   |
| <b>Cable Color Code:</b>       | Red +Excitation<br>Black -Excitation<br>Green +Signal<br>White -Signal                                |
| <b>Warranty:</b>               | Two-year limited  |
| <b>Approvals:</b>              | cFMus   |



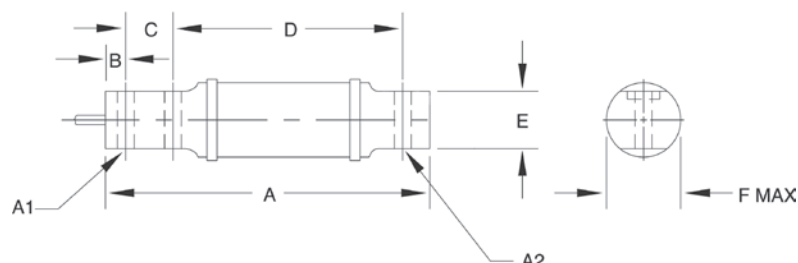
Picture is a representation of actual product.

## Order Information

| Load Rating | Part # | Est. Weight | Price    |
|-------------|--------|-------------|----------|
| 50 lb       | 17395  | 3 lb        | \$595.00 |
| 100 lb      | 17343  | 3 lb        | \$595.00 |
| 200 lb      | 17396  | 3 lb        | \$595.00 |
| 250 lb      | 17397  | 3 lb        | \$595.00 |
| 500 lb      | 17398  | 3 lb        | \$595.00 |
| 1,000 lb    | 17344  | 3 lb        | \$595.00 |
| 2,500 lb    | 17345  | 9 lb        | \$895.00 |

## Dimensions

| Rated Capacity | A     | A1   | A2   | B    | C    | D    | E    | F    | G    | H    |
|----------------|-------|------|------|------|------|------|------|------|------|------|
| lb/in          |       |      |      |      |      |      |      |      |      |      |
| 50 to 100      | 6.00  | 0.31 | 0.31 | 0.38 | 0.88 | 4.25 | 1.06 | 1.41 | —    | —    |
| 200 to 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 |



## Interchangeable Products

HBK®  
**BBS**..... page 225  
 VPG® SENSORTRONICS®  
**65087**  
 FAIRBANKS®  
**3-481XX-1**  
 FAIRBANKS  
**3-48660-1**  
 ARTECH®  
**40310**

## Specifications

### Full Scale Output:

2.0 mV/V

### Output Resistance:

750 (± 10) ohm

### Input Resistance:

800 (±50) ohm

### Material/Finish:

High-alloy steel, nickel plated

### Temperature:

Operating:  
 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 to 10 VDC (15 V maximum)

### Nonlinearity:

0.03% full scale

### Hysteresis:

0.02% full scale

### Insulation Resistance:

5,000 megohm

### Deflection at Capacity:

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

### 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

SINGLE-ENDED BEAM  
**RL32011WB-L**

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



Picture is a representation of actual product.

Approvals

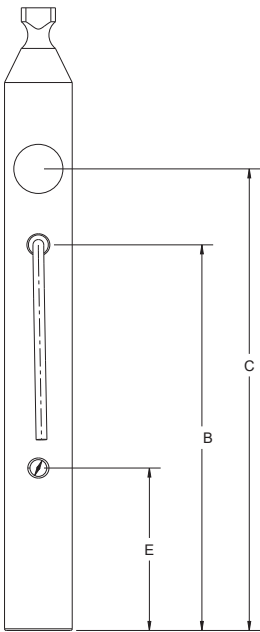
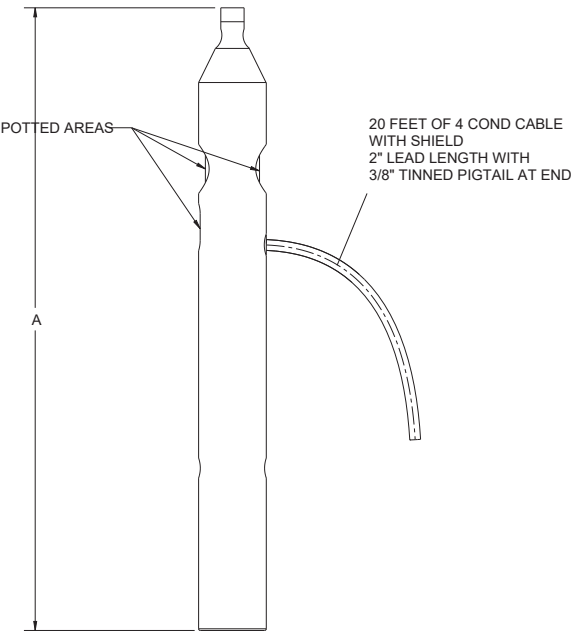
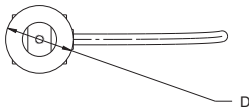


Order Information

| 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 |

Dimensions

| Rated Capacity<br>lb/in | A     | B    | C    | D    | E   |
|-------------------------|-------|------|------|------|-----|
| 1,250                   | 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 |



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:  
14 °F to 104 °F (-10 °C to 40 °C)  
Operating:  
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 to 10 VDC
- Combined Error:**  
0.02% full scale
- Non-repeatability:**  
± 0.01% full scale
- Insulation Resistance:**  
5,000 megohm
- 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
- Approvals:**  
NTEP 11-024





Picture is a representation of actual product.

## Approvals

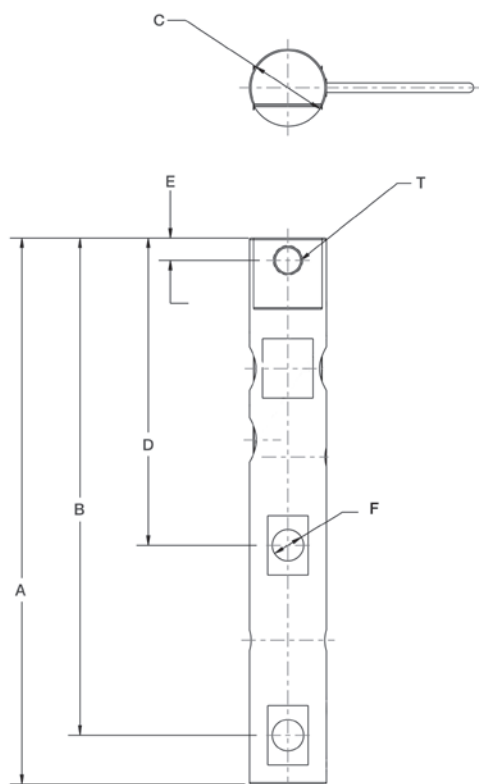


## Order Information

| Load Rating | Part #        | Est. Weight | Price    |
|-------------|---------------|-------------|----------|
| 1,250 lb    | <b>119796</b> | 3 lb        | \$525.00 |
| 2,500 lb    | <b>119797</b> | 3 lb        | \$525.00 |

## Dimensions

| Rated Capacity | A     | B     | C    | D    | E    | F    | T          |
|----------------|-------|-------|------|------|------|------|------------|
| lb/in          |       |       |      |      |      |      |            |
| 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 |



## 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:  
14 °F to 104 °F (-10 °C to 40 °C)

Operating:

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 to 10 VDC

### Combined Error:

0.02% full scale

### Non-repeatability:

± 0.01% full scale

### Insulation Resistance:

5,000 megohm

### 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

### Approvals:

NTEP 11-024



Picture is a representation of actual product.

### Approvals

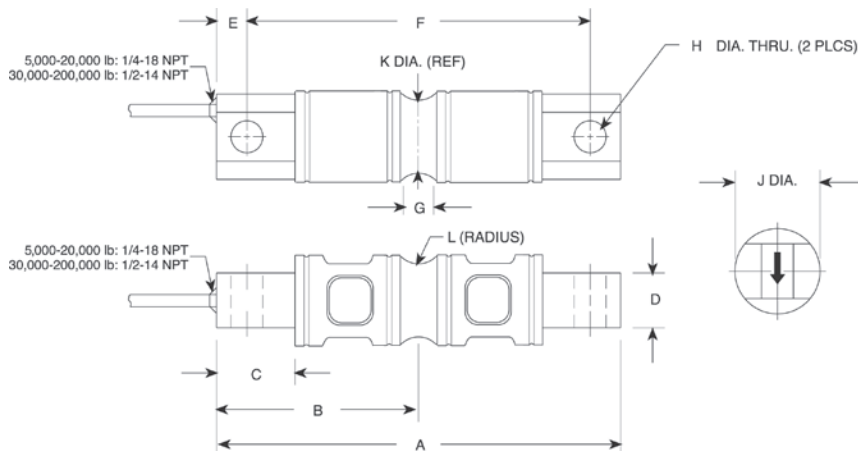


### Order Information

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

### Dimensions

| Rated Capacity     | A     | B    | C    | D    | E    | F     | G    | H    | J    | K    | L    |
|--------------------|-------|------|------|------|------|-------|------|------|------|------|------|
| lb/in              |       |      |      |      |      |       |      |      |      |      |      |
| 5,000 to 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 to 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 to 250,000 | 16.10 | 8.05 | 3.05 | 4.60 | 1.55 | 13.00 | 1.30 | 1.56 | 5.38 | 5.17 | 2.00 |



### Interchangeable Products

VPG® REVERE

**5103\*** ..... page 255

ARTECH®

**70210**

METTLER-TOLEDO®

**SLD 430**

\*Conduit adapter optional

### Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

**EZ Mount 1**..... page 65

### Specifications

#### Full Scale Output:

3.0 mV/V

#### Output Resistance:

700 (± 5) ohm

#### Input Resistance:

5 to 10 k: 700 (± 14) ohm  
20 to 150 k: 770 (± 10) ohm  
200 to 250 k: 700 (± 14) ohm

#### Material/Finish:

High-alloy steel, nickel plated

#### Temperature:

Compensated:  
14 °F to 104 °F (-10 °C to 40 °C)  
Operating:  
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 to 10 VDC (15 V maximum)

#### Combined Error:

0.02% full scale

#### Insulation Resistance:

5,000 megohm

#### Deflection at Capacity:

5,000 lb: 0.02 in  
10,000 lb: 0.025 in  
20,000 lb: 0.042 in  
30,000 to 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

#### Approvals:

cFMus  
NTEP 21-064

### Interchangeable Products

VPG® REVERE

**9103**.....page 256

### Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

**EZ Mount 1 SS**.....page 67

### Specifications

#### Full Scale Output:

3.0 mV/V

#### Output Resistance:

700 (± 5) ohm

#### Input Resistance:

700 (± 10) ohm

#### Material/Finish:

Stainless steel

#### Temperature:

Operating:

14 °F to 104 °F (-10 °C to 40 °C)

#### Seal Type:

Environmentally sealed, IP67

#### Safe Overload:

150% full scale

#### Safe Sideload:

100% full scale

#### Rated Excitation:

5 to 10 VDC

#### Combined Error:

0.02% full scale

#### Insulation Resistance:

5,000 megohm

#### Cable Length:

30 ft polyurethane jacket

#### Cable Color Code:

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

#### Warranty:

Two-year limited

#### Approvals:

NTEP 21-064  
cFMus

Picture is a representation of actual product.

### Approvals

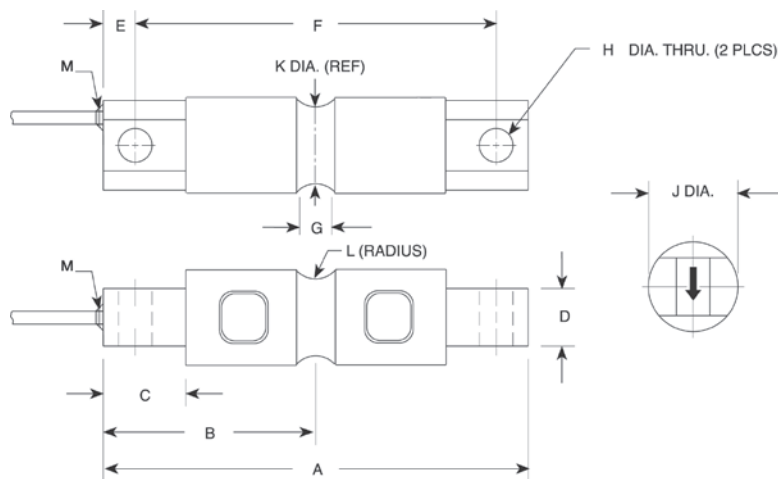


### Order Information

| Load Rating               | Part #        | Est. Weight | Price      |
|---------------------------|---------------|-------------|------------|
| <b>NTEP Certified</b>     |               |             |            |
| 10,000 lb                 | <b>201781</b> | 5 lb        | \$820.00   |
| 20,000 lb                 | <b>201782</b> | 7 lb        | \$900.00   |
| 30,000 lb                 | <b>201783</b> | 18 lb       | \$1,033.00 |
| 40,000 lb                 | <b>201784</b> | 18 lb       | \$1,033.00 |
| 50,000 lb                 | <b>201785</b> | 18 lb       | \$1,033.00 |
| 60,000 lb                 | <b>201786</b> | 18 lb       | \$1,033.00 |
| 100,000 lb                | <b>201787</b> | 28 lb       | \$1,960.00 |
| <b>Non-NTEP Certified</b> |               |             |            |
| 5,000 lb                  | <b>201780</b> | 5 lb        | \$820.00   |
| 150,000 lb                | <b>201788</b> | 34 lb       | \$2,173.00 |

### Dimensions

| Rated Capacity   | A     | B    | C    | D    | E    | F    | G    | H    | J    | K    | L    | M          |
|------------------|-------|------|------|------|------|------|------|------|------|------|------|------------|
| lb/in            |       |      |      |      |      |      |      |      |      |      |      |            |
| 5,000 to 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 to 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 |



# RL72020 MLC Coated

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



Picture is a representation of actual product.

## Approvals

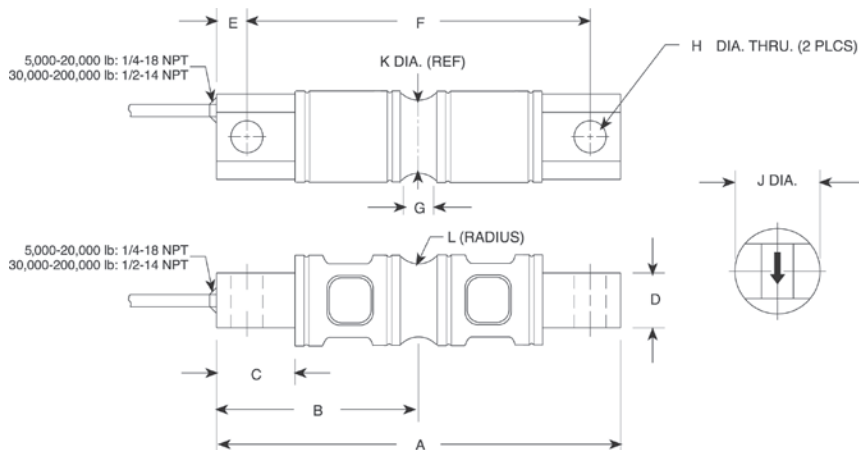


## Order Information

| Load Rating     | Part # | Est. Weight | Price      |
|-----------------|--------|-------------|------------|
| <b>NTEP</b>     |        |             |            |
| 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 |
| <b>Non-NTEP</b> |        |             |            |
| 250,000 lb      | 201779 | 93 lb       | \$2,990.00 |

## Dimensions

| Rated Capacity     | A     | B    | C    | D    | E    | F     | G    | H    | J    | K    | L    |
|--------------------|-------|------|------|------|------|-------|------|------|------|------|------|
| lb/in              |       |      |      |      |      |       |      |      |      |      |      |
| 5,000 to 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 to 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 to 250,000 | 16.10 | 8.05 | 3.05 | 4.60 | 1.55 | 13.00 | 1.30 | 1.56 | 5.38 | 5.17 | 2.00 |



## Interchangeable Products

VPG® REVERE

**5103\*** ..... page 255

ARTECH®

**70210**

METTLER TOLEDO®

**SLD 430**

\*Cells are uncoated

## Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

**EZ Mount 1**..... page 68

## Specifications

### Full Scale Output:

3.0 mV/V

### Output Resistance:

5 to 10 k: 703 ( $\pm 4$ ) ohm  
 20 to 150 k: 700 ( $\pm 5$ ) ohm  
 200 to 250 k: 700 ( $\pm 5$ ) ohm

### Input Resistance:

5 to 10 k: 700 ( $\pm 14$ ) ohm  
 20 to 150 k: 770 ( $\pm 10$ ) ohm  
 200 to 250 k: 700 ( $\pm 14$ ) ohm

### Material/Finish:

Alloy steel, coated

### Temperature:

Compensated:  
 14 °F to 104 °F (-10 °C to 40 °C)  
 Operating:  
 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 to 10 VDC (15 V maximum)

### Combined Error:

0.02% full scale

### Insulation Resistance:

5,000 megohm

### Deflection at Capacity:

5,000 lb: 0.02 in  
 10,000 lb: 0.025 in  
 20,000 lb: 0.042 in  
 30,000 to 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 to 20,000 lb: 0.200 in  
 30,000 to 250,000 lb: 0.305 in  
 Polyurethane jacket

### Cable Color Code:

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

### Warranty:

Two-year limited

### Approvals:

cFMus  
 NTEP 21-064



Picture is a representation of actual product.

## Approvals

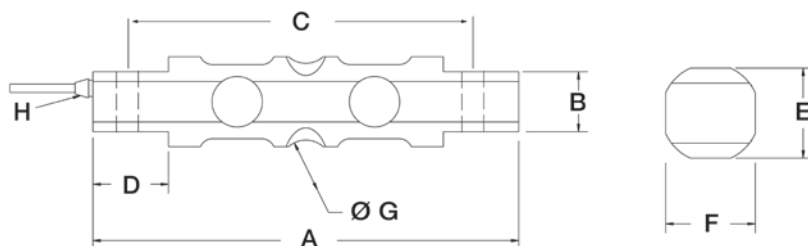


## Order Information

| Load Rating     | Part #        | Est. Weight | Price      |
|-----------------|---------------|-------------|------------|
| <b>Non-NTEP</b> |               |             |            |
| 5,000 lb        | <b>194021</b> | 5 lb        | \$1,160.00 |
| <b>NTEP</b>     |               |             |            |
| 10,000 lb       | <b>194022</b> | 5 lb        | \$1,160.00 |
| 20,000 lb       | <b>194023</b> | 5 lb        | \$1,160.00 |
| 30,000 lb       | <b>194024</b> | 20 lb       | \$1,585.00 |
| 40,000 lb       | <b>194025</b> | 20 lb       | \$1,585.00 |
| 50,000 lb       | <b>194026</b> | 20 lb       | \$1,585.00 |
| 60,000 lb       | <b>194027</b> | 20 lb       | \$1,585.00 |

## Dimensions

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



## Interchangeable Products

VPG® REVERE

**9103**..... page 256

## Weight Module Available

RICE LAKE WEIGHING SYSTEMS

**EZ Mount 1 HE**..... page 69

## Specifications

### Full Scale Output:

3.0 mV/V

### Output Resistance:

700 (± 5) ohm

### Input Resistance:

800 (± 30) ohm

### Material/Finish:

Stainless steel

### Temperature:

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

### Seal Type:

Welded-seal, IP68

### Safe Overload:

150% full scale

### Rated Excitation:

5 to 10 VDC

### Nonlinearity:

0.03% full scale

### Hysteresis:

0.5% full scale

### Insulation Resistance:

5,000 megohm

### Cable Length:

25 ft

### Cable Color Code:

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

### Warranty:

Two-year limited

### Approvals:

cFMus  
NTEP 21-064

**NEW**

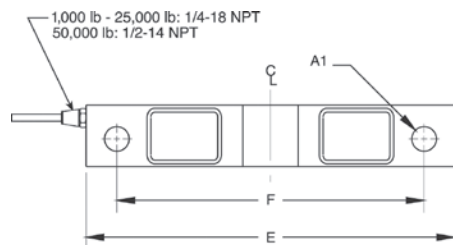
Picture is a representation of actual product.

**Approvals****Order Information**

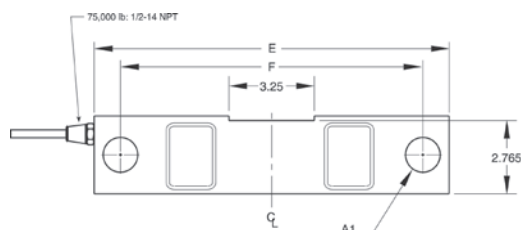
| Load Rating | Part # | Est. Weight | Price    |
|-------------|--------|-------------|----------|
| 1,000 lb    | 221536 | 4 lb        | \$555.00 |
| 1,500 lb    | 221537 | 4 lb        | \$555.00 |
| 2,000 lb    | 221538 | 4 lb        | \$555.00 |
| 2,500 lb    | 221539 | 4 lb        | \$555.00 |
| 3,000 lb    | 221540 | 4 lb        | \$555.00 |
| 5,000 lb    | 221541 | 4 lb        | \$555.00 |
| 10,000 lb   | 221542 | 7 lb        | \$635.00 |
| 15,000 lb   | 221543 | 7 lb        | \$635.00 |
| 20,000 lb   | 221544 | 7 lb        | \$635.00 |
| 25,000 lb   | 221545 | 7 lb        | \$635.00 |
| 50,000 lb   | 221546 | 25 lb       | \$980.00 |
| 75,000 lb   | 221547 | 27 lb       | \$980.00 |

**Dimensions**

| Rated Capacity<br>lb/in | A1   | A2   | C    | D    | E     | F     |
|-------------------------|------|------|------|------|-------|-------|
| 1,000 to 5,000          | 0.50 | 1.25 | 1.25 | 1.25 | 7.50  | 6.25  |
| 10,000 to 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 |



1,000 to 50,000 lb



75,000 lb

**Interchangeable Products**

RICE LAKE WEIGHING SYSTEMS

**RL75016** ..... page 133

VPG® SENSORTRONICS®

**65016** ..... page 290**Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS

**RL1600 Series** ..... page 72**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:  
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 to 10 VDC

**Nonlinearity:**

0.03% full scale

**Hysteresis:**

0.02% full scale

**Deflection at Capacity:**1,000 to 2,500 lb: 0.01 in  
5,000 lb: 0.015 in  
10,000 to 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 megohm

**Cable Length:**

25 ft

Polyurethane jacket

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

Two-year limited

**Approvals:**

cFMus





Picture is a representation of actual product.

## Approvals

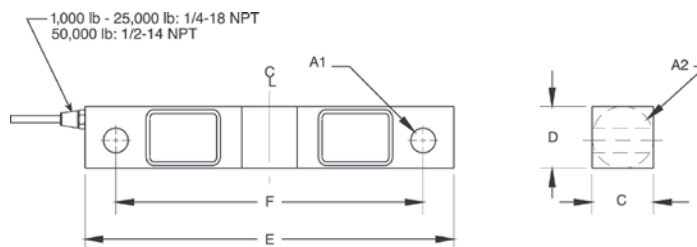


## Order Information

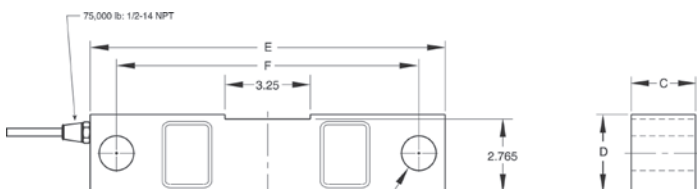
| Load Rating | Part #        | Est. Weight | Price      |
|-------------|---------------|-------------|------------|
| 1,000 lb    | <b>221548</b> | 4 lb        | \$580.00   |
| 1,500 lb    | <b>221549</b> | 4 lb        | \$580.00   |
| 2,000 lb    | <b>221550</b> | 4 lb        | \$580.00   |
| 2,500 lb    | <b>221551</b> | 4 lb        | \$580.00   |
| 5,000 lb    | <b>221552</b> | 4 lb        | \$580.00   |
| 10,000 lb   | <b>221553</b> | 7 lb        | \$660.00   |
| 15,000 lb   | <b>221554</b> | 7 lb        | \$660.00   |
| 20,000 lb   | <b>221555</b> | 7 lb        | \$660.00   |
| 25,000 lb   | <b>221556</b> | 7 lb        | \$660.00   |
| 50,000 lb   | <b>221557</b> | 25 lb       | \$1,298.00 |
| 75,000 lb   | <b>221558</b> | 27 lb       | \$1,298.00 |

## Dimensions

| Rated Capacity   | A1   | A2   | C    | D    | E     | F     |
|------------------|------|------|------|------|-------|-------|
| lb/in            |      |      |      |      |       |       |
| 1,000 to 5,000   | 0.50 | 1.25 | 1.25 | 1.25 | 7.50  | 6.25  |
| 10,000 to 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 |



1,000 to 50,000lb



75,000lb

## Interchangeable Products

|                            |          |
|----------------------------|----------|
| RICE LAKE WEIGHING SYSTEMS |          |
| <b>RL75016SS</b> .....     | page 135 |
| RICE LAKE WEIGHING SYSTEMS |          |
| <b>RL77032SS HE</b> .....  | page 132 |
| RICE LAKE WEIGHING SYSTEMS |          |
| <b>RL75016S-W</b> .....    | page 136 |
| VPG® SENSORTRONICS®        |          |
| <b>65016</b> .....         | page 290 |

## Weigh Module Available

|                            |         |
|----------------------------|---------|
| RICE LAKE WEIGHING SYSTEMS |         |
| <b>RL1600 Series</b> ..... | page 74 |

## Specifications

|                                |   |
|--------------------------------|---|
| <b>Full Scale Output:</b>      | 3.0 mV/V  |
| <b>Output Resistance:</b>      | 700 (± 5) ohm   |
| <b>Input Resistance:</b>       | 770 (± 10) ohm  |
| <b>Material/Finish:</b>        | Stainless steel   |
| <b>Temperature:</b>            | Operating:<br>0 °F to 150 °F (-18 °C to 65 °C)  |
| <b>Seal Type:</b>              | Environmentally sealed, IP67  |
| <b>Safe Overload:</b>          | 150% full scale   |
| <b>Safe Sideload:</b>          | 100% full scale   |
| <b>Rated Excitation:</b>       | 5 to 10 VDC   |
| <b>Nonlinearity:</b>           | 0.07% full scale  |
| <b>Hysteresis:</b>             | 0.02% full scale  |
| <b>Deflection at Capacity:</b> | 1,000 to 2,500 lb: 0.01 in<br>5,000 lb: 0.015 in<br>10,000 to 20,000 lb: 0.022 in<br>25,000 lb: 0.036 in<br>50,000 lb: 0.052 in<br>75,000 lb: 0.07 in |
| <b>Insulation Resistance:</b>  | 5,000 megohm  |
| <b>Cable Length:</b>           | 25 ft<br>Polyurethane   |
| <b>Cable Color Code:</b>       | Red +Excitation<br>Black -Excitation<br>Green +Signal<br>White -Signal  |
| <b>Warranty:</b>               | Two-year limited  |
| <b>Approvals:</b>              | cFMus   |

**RL77032SS HE**

Stainless Steel, Hermetically Sealed, IP69K



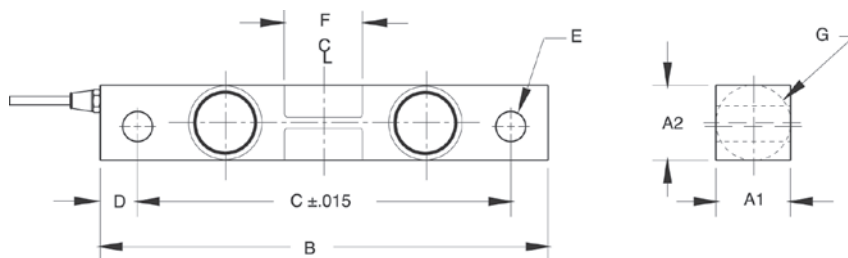
Picture is a representation of actual product.

**Approvals****Order Information**

| Load Rating | Part # | Est. Weight | Price    |
|-------------|--------|-------------|----------|
| 1,000 lb    | 221559 | 4 lb        | \$735.00 |
| 1,500 lb    | 221560 | 4 lb        | \$735.00 |
| 2,000 lb    | 221561 | 4 lb        | \$735.00 |
| 2,500 lb    | 221562 | 4 lb        | \$735.00 |
| 5,000 lb    | 221563 | 4 lb        | \$735.00 |
| 10,000 lb   | 221564 | 7 lb        | \$830.00 |
| 15,000 lb   | 221565 | 7 lb        | \$830.00 |
| 20,000 lb   | 221566 | 7 lb        | \$830.00 |
| 25,000 lb   | 221567 | 7 lb        | \$830.00 |

**Dimensions**

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

**Interchangeable Products**

RICE LAKE WEIGHING SYSTEMS

**RL75016WHE**..... page 137

VPG® SENSORTRONICS®

**65016WH**..... page 292**Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS

**RL1600 HE Series**.....page 76**Specifications****Full Scale Output:**

3.0 mV/V

**Output Resistance:**

700 (± 5) ohm

**Input Resistance:**

770 (± 10) ohm

**Material/Finish:**

Stainless steel

**Temperature:**Operating:  
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 to 10 VDC

**Nonlinearity:**

0.03% full scale

**Hysteresis:**

0.02% full scale

**Deflection at Capacity:**1,000 lb: 0.01 in  
5,000 lb: 0.015 in  
10,000 to 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 megohm

**Cable Length:**25 ft  
Polyurethane jacket**Cable Color Code:**Red +Excitation  
Black -Excitation  
Green +Signal  
White -Signal**Warranty:**

Two-year limited

**Approvals:**

cFMus

Limited Stock Available

DOUBLE-ENDED BEAM

**RL75016**

Alloy Steel, Environmentally Sealed, IP67



Picture is a representation of actual product.

## Approvals



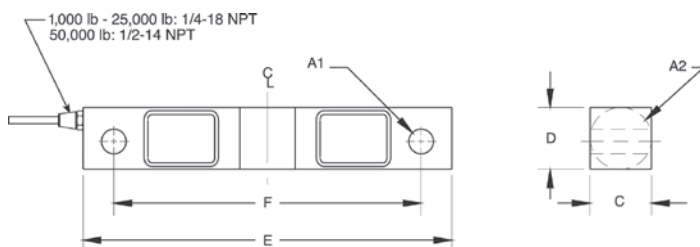
## Order Information

| Load Rating | Part #       | Est. Weight | Price    |
|-------------|--------------|-------------|----------|
| 1,000 lb    | <b>17300</b> | 4 lb        | \$556.00 |
| 1,500 lb    | <b>17302</b> | 4 lb        | \$556.00 |
| 2,000 lb    | <b>17304</b> | 4 lb        | \$556.00 |
| 2,500 lb    | <b>17306</b> | 4 lb        | \$556.00 |
| 3,000 lb    | <b>17308</b> | 4 lb        | \$556.00 |
| 5,000 lb    | <b>17309</b> | 4 lb        | \$556.00 |
| 10,000 lb   | <b>17311</b> | 7 lb        | \$636.00 |
| 15,000 lb   | <b>17313</b> | 7 lb        | \$636.00 |
| 20,000 lb   | <b>17315</b> | 7 lb        | \$636.00 |
| 25,000 lb   | <b>17317</b> | 7 lb        | \$636.00 |
| 50,000 lb   | <b>17319</b> | 25 lb       | \$980.00 |
| 75,000 lb*  | <b>25357</b> | 27 lb       | \$980.00 |

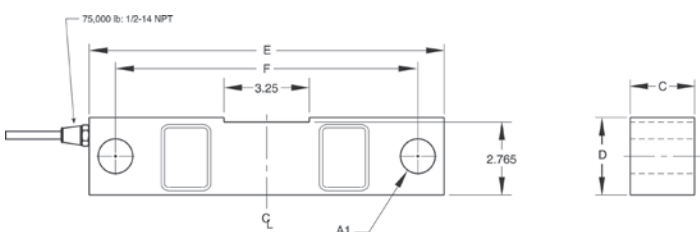
\*75,000lb capacity has a square center

## Dimensions

| Rated Capacity   | A1   | A2   | C    | D    | E     | F     |
|------------------|------|------|------|------|-------|-------|
| lb/in            |      |      |      |      |       |       |
| 1,000 to 5,000   | 0.50 | 1.25 | 1.25 | 1.25 | 7.50  | 6.25  |
| 10,000 to 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 |



1,000 to 50,000lb



75,000lb

## Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

**RL77032**.....page 130

VPG® CELTRON®

**DSR**.....page 195

VPG® SENSORTRONICS®

**65016**.....page 290

VPG® REVERE

**5203**

## Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

**RL1600 Series**.....page 70

## 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:  
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 to 10 VDC (15 V maximum)

### Nonlinearity:

0.03% full scale

### Hysteresis:

0.02% full scale

### Insulation Resistance:

5,000 megohm

### Deflection at Capacity:

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

### Cable Length:

25 ft

### Cable Diameter:

1,000 to 25,000 lb: 0.200 in  
50,000 to 75,000 lb: 0.305 in  
Polyurethane jacket

### Cable Color Code:

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

### Warranty:

Two-year limited

### Approvals:

cFMus

RICE LAKE  
LOAD CELLS

DOUBLE-ENDED BEAM  
**RL75016 MLC Coated**

Alloy Steel, Environmentally Sealed, IP67



Picture is a representation of actual product.

Approvals



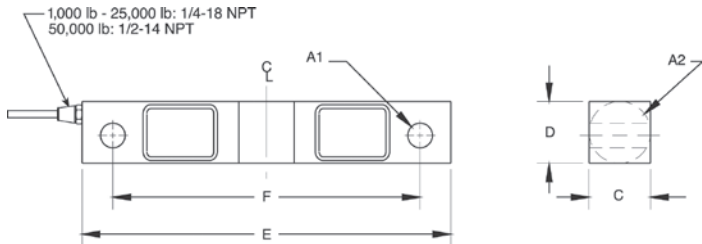
Order Information

| Load Rating | Part #        | Est. Weight | Price      |
|-------------|---------------|-------------|------------|
| 1,000 lb    | <b>187058</b> | 4 lb        | \$583.00   |
| 1,500 lb    | <b>187059</b> | 4 lb        | \$583.00   |
| 2,000 lb    | <b>187060</b> | 4 lb        | \$583.00   |
| 2,500 lb    | <b>187061</b> | 4 lb        | \$583.00   |
| 5,000 lb    | <b>187063</b> | 4 lb        | \$583.00   |
| 10,000 lb   | <b>187064</b> | 7 lb        | \$662.00   |
| 15,000 lb   | <b>187065</b> | 7 lb        | \$662.00   |
| 20,000 lb   | <b>187066</b> | 7 lb        | \$662.00   |
| 25,000 lb   | <b>187067</b> | 7 lb        | \$662.00   |
| 50,000 lb   | <b>187068</b> | 25 lb       | \$1,007.00 |
| 75,000 lb*  | <b>187069</b> | 27 lb       | \$1,007.00 |

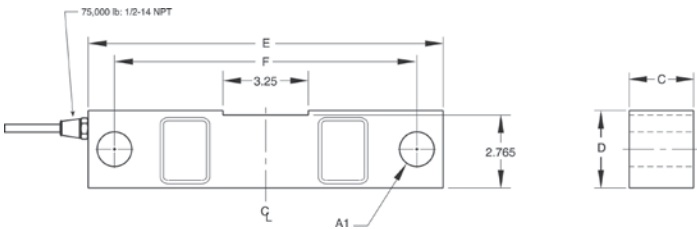
\*75,000lb capacity has a square center

Dimensions

| Rated Capacity   | A1   | A2   | C    | D    | E     | F     |
|------------------|------|------|------|------|-------|-------|
| lb/in            |      |      |      |      |       |       |
| 1,000 to 5,000   | 0.50 | 1.25 | 1.25 | 1.25 | 7.50  | 6.25  |
| 10,000 to 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 |



1,000 to 50,000lb



75,000lb

Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

**RL75016\*** (Alloy)..... page 133

VPG® CELTRON®

**DSR\*** (Alloy) ..... page 195

VPG® SENSORTRONICS®

**65016\*** (Alloy)..... page 290

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

**RL1600 Series** ..... page 75

\*Cells are uncoated

Specifications

**Full Scale Output:**

3.0 mV/V

**Output Resistance:**

700 (± 5) ohm

**Input Resistance:**

770 (± 10) ohm

**Material/Finish:**

Alloy steel, coated

**Temperature:**

Operating:

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 to 10 VDC (15 V maximum)

**Nonlinearity:**

0.03% full scale

**Hysteresis:**

0.02% full scale

**Insulation Resistance:**

5,000 megohm

**Cable Length:**

25 ft

**Cable Color Code:**

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

**Warranty:**

Two-year limited

**Approvals:**

cFMus

RICE LAKE  
LOAD CELLS

**Limited Stock Available**

DOUBLE-ENDED BEAM

**RL75016SS**

Stainless Steel, Environmentally Sealed, IP67



Picture is a representation of actual product.

## Approvals



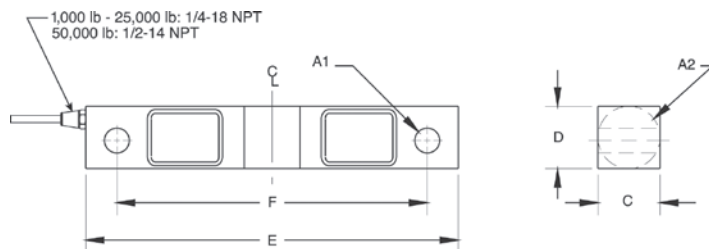
## Order Information

| 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 |

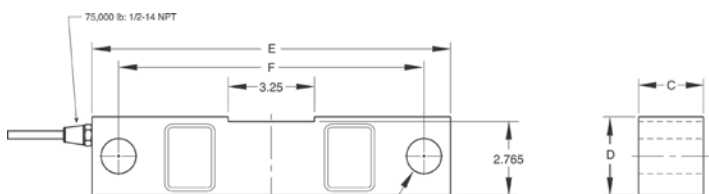
\*75,000lb capacity has a square center

## Dimensions

| Rated Capacity   | A1   | A2   | C    | D    | E     | F     |
|------------------|------|------|------|------|-------|-------|
| lb/in            |      |      |      |      |       |       |
| 1,000 to 5,000   | 0.50 | 1.25 | 1.25 | 1.25 | 7.50  | 6.25  |
| 10,000 to 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 |



1,000 to 50,000lb



75,000lb

## Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

**RL77032SS** .....page 131

RICE LAKE WEIGHING SYSTEMS

**RL75016WHE\*** ..... page 137

VPG® SENSORTRONICS®

**65016W** .....page 291

VPG SENSORTRONICS

**65016WH\*** ..... page 292

VPG® REVERE

**9203**

## Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

**RL1600 Series** .....page 73

## Specifications

### Full Scale Output:

3.0 mV/V

### Output Resistance:

700 (± 5) ohm

### Input Resistance:

770 (± 10) ohm

### Material/Finish:

Stainless steel

### Temperature:

Operating:

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 to 10 VDC (15 V maximum)

### Nonlinearity:

0.07% full scale

### Hysteresis:

0.02% full scale

### Insulation Resistance:

5,000 megohm

### Deflection at Capacity:

1,000 to 3,000 lb: 0.01 in

5,000 lb: 0.015 in

10,000 to 20,000 lb: 0.022 in

25,000 lb: 0.036 in

50,000 lb: 0.052 in

75,000 lb: 0.07 in

### Cable Length:

25 ft

### Cable Diameter:

1,000 to 25,000 lb: 0.200 in

50,000 to 75,000 lb: 0.305 in

Polyurethane jacket

### Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

### Warranty:

Two-year limited

### Approvals:

cFMus

RICE LAKE  
LOAD CELLS

RL75016SS-W

Stainless Steel, Welded Seal, IP67



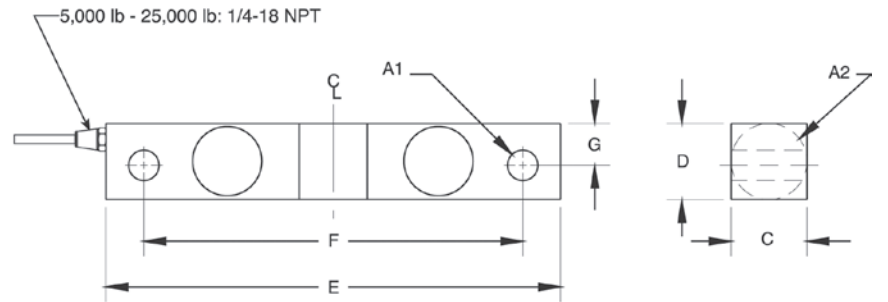
Picture is a representation of actual product.

Order Information

| Load Rating | Part # | Est. Weight | Price    |
|-------------|--------|-------------|----------|
| 5,000 lb    | 168115 | 4 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 |

Dimensions

| Rated Capacity   | A1   | A2   | C    | D    | E    | F    | G    |
|------------------|------|------|------|------|------|------|------|
| lb/in            |      |      |      |      |      |      |      |
| 5,000            | 0.50 | 1.25 | 1.25 | 1.25 | 7.50 | 6.25 | 0.69 |
| 10,000 to 25,000 | 0.81 | 1.99 | 1.44 | 1.94 | 8.75 | 7.50 | 0.96 |



Interchangeable Products

|                            |          |
|----------------------------|----------|
| RICE LAKE WEIGHING SYSTEMS |          |
| RL77032SS HE.....          | page 132 |
| RICE LAKE WEIGHING SYSTEMS |          |
| RL75016SS.....             | page 135 |
| RICE LAKE WEIGHING SYSTEMS |          |
| RL75016WHE.....            | page 137 |

Specifications

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



**Limited Stock Available**

# DOUBLE-ENDED BEAM RL75016WHE

Stainless Steel, Hermetically Sealed, IP69K



Picture is a representation of actual product.

## Approvals

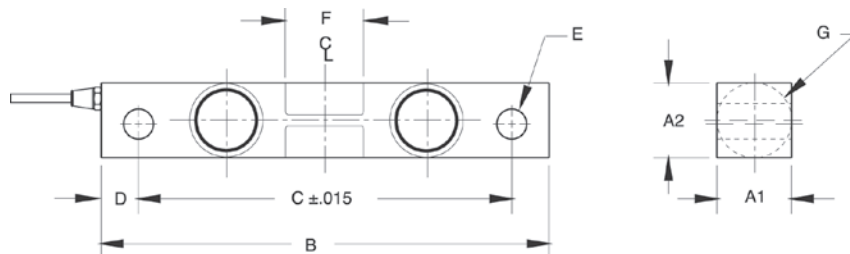


## Order Information

| 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 |

## Dimensions

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



## Interchangeable Products

|                            |          |
|----------------------------|----------|
| RICE LAKE WEIGHING SYSTEMS |          |
| RL77032SS HE.....          | page 132 |
| RICE LAKE WEIGHING SYSTEMS |          |
| RL75016SS*.....            | page 135 |
| RICE LAKE WEIGHING SYSTEMS |          |
| RL75016SS-W*.....          | page 136 |
| VPG® SENSORTRONICS®        |          |
| 65016W*.....               | page 291 |
| VPG SENSORTRONICS          |          |
| 65016WH.....               | page 292 |

## Weigh Module Available

|                            |         |
|----------------------------|---------|
| RICE LAKE WEIGHING SYSTEMS |         |
| RL1600 Series.....         | page 73 |

\*Welded seal

## Specifications

|                               |  |
|-------------------------------|--|
| <b>Full Scale Output:</b>     | 3.0 mV/V   |
| <b>Output Resistance:</b>     | 699 to 707 ohm   |
| <b>Input Resistance:</b>      | 686 to 714 ohm   |
| <b>Material/Finish:</b>       | Stainless steel  |
| <b>Temperature:</b>           | Operating range<br>0 °F to 150 °F (-18 °C to 65 °C)                    |
| <b>Seal Type:</b>             | Hermetically sealed, IP69K   |
| <b>Safe Overload:</b>         | 150% full scale  |
| <b>Safe Sideload:</b>         | 100% full scale  |
| <b>Rated Excitation:</b>      | 5 to 10 VDC (15 V maximum)   |
| <b>Insulation Resistance:</b> | 2,000 megohm   |
| <b>Cable Length:</b>          | 25 ft  |
| <b>Cable Diameter:</b>        | 0.200 in<br>Polyurethane jacket  |
| <b>Cable Color Code:</b>      | Red +Excitation<br>Black -Excitation<br>Green +Signal<br>White -Signal |
| <b>Warranty:</b>              | Two-year limited   |
| <b>Approvals:</b>             | cFMus  |

RICE LAKE  
LOAD CELLS

RL75058I for Rice Lake Coil Scale

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



Picture is a representation of actual product.

Approvals

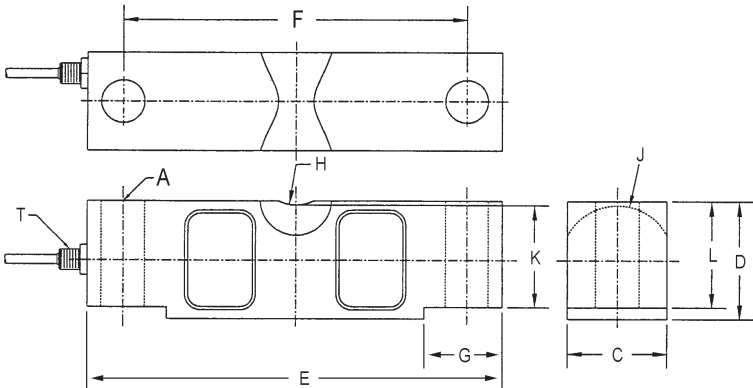


Order Information

| 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 |

Dimensions

| Rated Capacity   | A    | C    | D    | E     | F    | G    | H    | J    | K    | L    | T          |
|------------------|------|------|------|-------|------|------|------|------|------|------|------------|
| lb/in            |      |      |      |       |      |      |      |      |      |      |            |
| 20,000 to 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 to 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 |



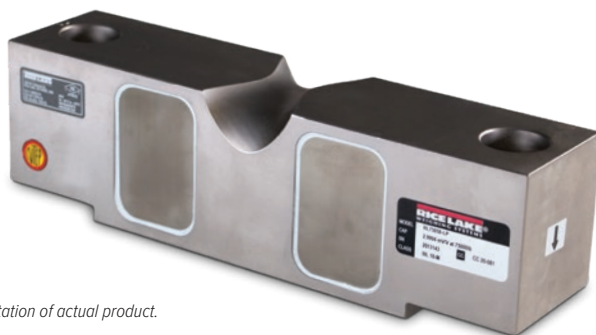
Specifications

- Full Scale Output:**  
3.0 mV/V
- Output Resistance:**  
699 to 707 ohm
- Input Resistance:**  
686 to 714 ohm
- Material/Finish:**  
High-alloy steel, nickel plated
- Temperature:**  
Compensated:  
14 °F to 104 °F/-10 °C to 40 °C  
Operating:  
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 to 10 VDC (15 V maximum)
- Combined Error:**  
0.02% full scale
- Insulation Resistance:**  
5,000 megohm
- Cable Length:**  
35 ft
- Cable Diameter:**  
20,000 lb: 0.200 in  
40,000 to 75,000 lb: 0.305 in  
Polyurethane jacket
- Cable Color Code:**  
Red +Excitation  
Black -Excitation  
Green +Signal  
White -Signal
- Warranty:**  
Two-year limited
- Approvals:**  
cFMus  
NTEP 98-143



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

## DOUBLE-ENDED BEAM RL75058-LP



Picture is a representation of actual product.

### Approvals



### Order Information

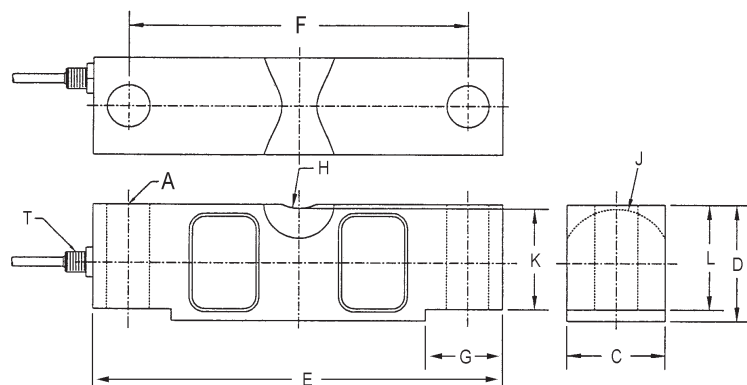
| Load Rating                           | Part # | Est. Weight | Price      |
|---------------------------------------|--------|-------------|------------|
| <b>NTEP Certified 35 ft Cable</b>     |        |             |            |
| 20,000 lb                             | 197770 | 8 lb        | \$673.00   |
| 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       | \$1,669.00 |
| 125,000 lb                            | 197777 | 40 lb       | \$1,669.00 |
| <b>Non-NTEP Certified 35 ft Cable</b> |        |             |            |
| 10,000 lb                             | 197769 | 8 lb        | \$652.00   |
| <b>NTEP Certified 60 ft Cable</b>     |        |             |            |
| 50,000 lb                             | 197778 | 20 lb       | \$995.00   |
| 75,000 lb**                           | 197781 | 20 lb       | \$995.00   |
| 75,000 lb*                            | 197782 | 20 lb       | \$1,100.00 |
| 125,000 lb                            | 197779 | 40 lb       | \$1,800.00 |
| <b>NTEP Certified 100 ft Cable</b>    |        |             |            |
| 75,000 lb                             | 197780 | 22 lb       | \$1,100.00 |

\*Stainless steel overbraid cable

\*\*Used in Rice Lake truck scales

### Dimensions

| Rated Capacity     | A    | C    | D    | E     | F     | G    | H    | J    | K    | L    | T          |
|--------------------|------|------|------|-------|-------|------|------|------|------|------|------------|
| lb/in              |      |      |      |       |       |      |      |      |      |      |            |
| 10,000 to 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 to 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 to 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 |



### Interchangeable Products

|                     |          |
|---------------------|----------|
| VPG® SENSORTRONICS® |          |
| 65058A              | page 293 |
| VPG® CELTRON®       |          |
| CLB                 | page 196 |
| ARTECH®             |          |
| 70210               |          |
| ARTECH®             |          |
| 70310               |          |

### Weigh Module Available

|                            |         |
|----------------------------|---------|
| RICE LAKE WEIGHING SYSTEMS |         |
| RL2100HE                   | page 36 |
| RICE LAKE WEIGHING SYSTEMS |         |
| MVS                        | page 77 |

### 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:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

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 to 10 VDC (15 V maximum)

#### Combined Error:

0.02% full scale

#### Insulation Resistance:

5,000 megohm

#### Cable Length:

35 ft

60 ft

100 ft

#### Cable Diameter:

10,000 to 25,000 lb: 0.200 in

40,000 to 125,000 lb: 0.305 in

Polyurethane jacket

#### Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

#### Warranty:

Two-year limited

#### Approvals:

cFMus

NTEP 20-081

RICE LAKE  
LOAD CELLS



Picture is a representation of actual product.

## Approvals

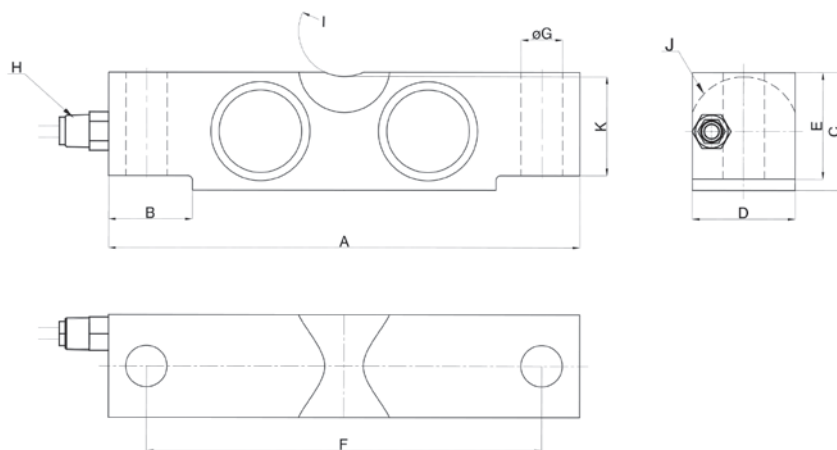


## Order Information

| Load Rating                           | Part # | Est. Weight | Price      |
|---------------------------------------|--------|-------------|------------|
| <b>NTEP Certified 35 ft Cable</b>     |        |             |            |
| 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       | \$1,895.00 |
| 125,000 lb                            | 197804 | 40 lb       | Consult    |
| <b>Non-NTEP Certified 35 ft Cable</b> |        |             |            |
| 10,000 lb                             | 197796 | 8 lb        | \$864.00   |
| <b>NTEP Certified 60 ft Cable</b>     |        |             |            |
| 75,000 lb                             | 197802 | 20 lb       | \$1,240.00 |

## Dimensions

| Rated Capacity     | A     | B    | C    | D    | E    | F     | ØG   | H          | I     | J     | K    |
|--------------------|-------|------|------|------|------|-------|------|------------|-------|-------|------|
| lb/in              |       |      |      |      |      |       |      |            |       |       |      |
| 10,000 to 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 to 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 to 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 |



## Interchangeable Products

VPG® SENSORTRONICS®

65058S..... page 294

## Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL2100HE..... page 36

RICE LAKE WEIGHING SYSTEMS

MVS..... page 77

## Specifications

## Full Scale Output:

3.0 mV/V

## Output Resistance:

700 (± 7) ohm

## Input Resistance:

700 (± 14) ohm

## Material/Finish:

Stainless steel

## Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

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 to 10 VDC (15 V maximum)

## Combined Error:

0.02% full scale

## Insulation Resistance:

5,000 megohm

## Cable Length:

35 ft

60 ft

## Cable Diameter:

10,000 to 25,000 lb: 0.200 in

40,000 to 125,000 lb: 0.305 in

Polyurethane jacket

## Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

## Warranty:

Two-year limited

## Approvals:

cFMus

NTEP 20-081

**Limited Stock Available**

DOUBLE-ENDED BEAM  
**RL75060S**  
 Stainless Steel, Welded Seal, NTEP Certified 1:5,000 III/1:10,000 Class IIIL Multiple Cell, IP67



Picture is a representation of actual product.

#### Approvals

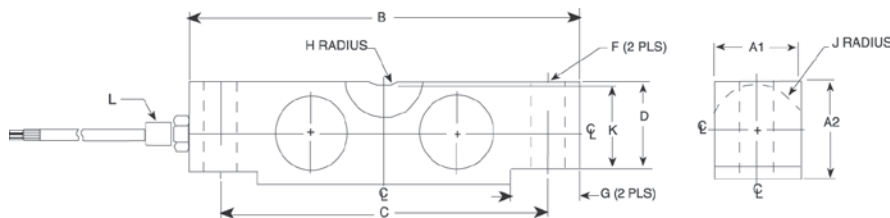


#### Order Information

| Load Rating        | Part #        | Est. Weight | Price      |
|--------------------|---------------|-------------|------------|
| <b>35 ft Cable</b> |               |             |            |
| 100,000 lb         | <b>50564</b>  | 19 lb       | \$2,115.00 |
| <b>60 ft Cable</b> |               |             |            |
| 25,000 lb          | <b>157931</b> | 6 lb        | \$1,050.00 |

#### Dimensions

| Rated Capacity | F    | A1   | A2   | B     | C    | G    | H    | J    | K    | D    | L          |
|----------------|------|------|------|-------|------|------|------|------|------|------|------------|
| lb/in          |      |      |      |       |      |      |      |      |      |      |            |
| 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 |
| 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 |



#### Weigh Module Available

RICE LAKE WEIGHING SYSTEMS  
**RL2100HE**..... page 36  
 RICE LAKE WEIGHING SYSTEMS  
**MVS**..... page 77

#### Specifications

##### Full Scale Output:

3.0 mV/V

##### Output Resistance:

699 to 707 ohm

##### Input Resistance:

686 to 714 ohm

##### Material/Finish:

Stainless steel

##### Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

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 to 10 VDC (15 V maximum)

##### Combined Error:

0.02% full scale

##### Insulation Resistance:

1,000 megohm

##### Cable Length:

35 ft

60 ft

##### Cable Diameter:

25,000 lb: 0.200 in

100,000 lb: 0.305 in

Polyurethane jacket

##### Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

##### Warranty:

Two-year limited

##### Approvals:

cFMus

NTEP 96-027

**RICE LAKE  
LOAD CELLS**



Picture is a representation of actual product.

Approvals

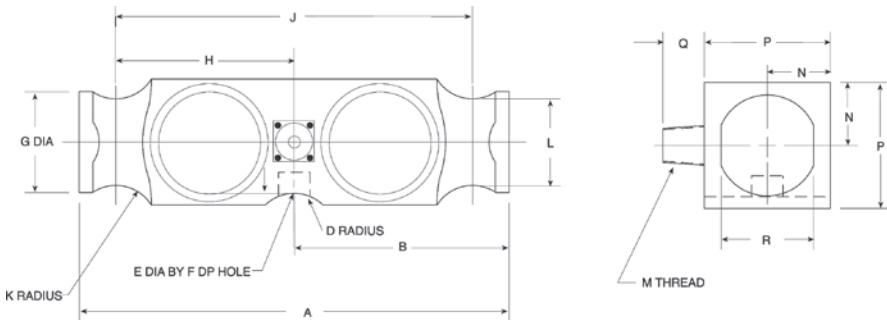


Order Information

| Load Rating        | Part # | Est. Weight | Price      |
|--------------------|--------|-------------|------------|
| <b>40 ft Cable</b> |        |             |            |
| 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 |
| <b>60 ft Cable</b> |        |             |            |
| 50,000 lb          | 107583 | 20 lb       | \$980.00   |

Dimensions

| Rated Capacity   | A     | B    | D    | E    | F    | G    | H    | J    | K    | L    | M          | N    | P    | Q    | R    |
|------------------|-------|------|------|------|------|------|------|------|------|------|------------|------|------|------|------|
| lb/in            |       |      |      |      |      |      |      |      |      |      |            |      |      |      |      |
| 50,000 to 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 |



RICE LAKE  
LOAD CELLS

Interchangeable Products

|                     |               |
|---------------------|---------------|
| VPG® REVERE         |               |
| 5223                | .....page 257 |
| VPG® SENSORTRONICS® |               |
| 65040A-XX-1127W     | .....page 298 |
| ARTECH®             |               |
| 80210               |               |
| THURMAN®            |               |
| TSC 800             |               |
| UNIBRIDGE®          |               |
| DL9000              |               |

Weigh Module Available

|                            |              |
|----------------------------|--------------|
| RICE LAKE WEIGHING SYSTEMS |              |
| Translink™                 | .....page 78 |

Specifications

|                                |   |
|--------------------------------|---|
| <b>Full Scale Output:</b>      | 3.0 mV/V  |
| <b>Output Resistance:</b>      | 699 to 707 ohm  |
| <b>Input Resistance:</b>       | 686 to 714 ohm  |
| <b>Material/Finish:</b>        | High-alloy steel  |
| <b>Temperature:</b>            | Compensated:<br>14 °F to 104 °F (-10 °C to 40 °C)<br>Operating:<br>0 °F to 150 °F (-18 °C to 65 °C) |
| <b>Seal Type:</b>              | Welded-seal, IP67   |
| <b>Safe Overload:</b>          | 150% full scale   |
| <b>Safe Sideload:</b>          | 100% full scale   |
| <b>Rated Excitation:</b>       | 5-10 VDC (15 V maximum)   |
| <b>Combined Error:</b>         | 0.03% full scale  |
| <b>Non-repeatability:</b>      | 0.01% full scale  |
| <b>Insulation Resistance:</b>  | 5,000 megohm  |
| <b>Deflection at Capacity:</b> | 50,000 lb: 0.018 in<br>65,000 lb: 0.022 in<br>100,000 lb: 0.034 in                                  |
| <b>Cable Length:</b>           | 40 ft<br>60 ft  |
| <b>Cable Diameter:</b>         | 0.305 in<br>Polyurethane jacket   |
| <b>Cable Color Code:</b>       | Red +Excitation<br>Black -Excitation<br>Green +Signal<br>White -Signal                              |
| <b>Warranty:</b>               | Two-year limited  |
| <b>Approvals:</b>              | cFMus<br>NTEP 97-126  |





Picture is a representation of actual product.

#### Approvals

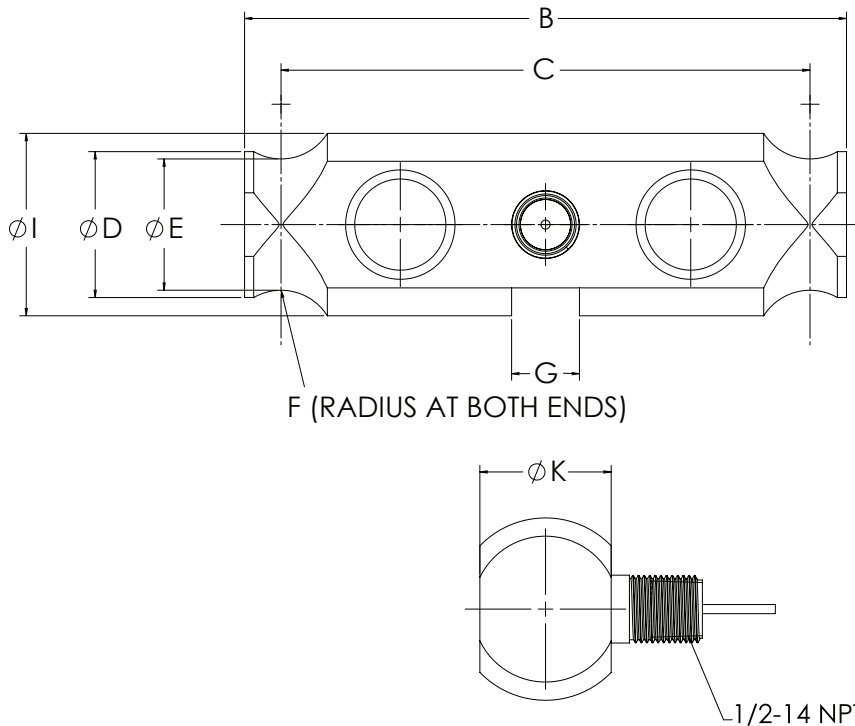


#### Order Information

| Load Rating | Part #       | Est. Weight | Price      |
|-------------|--------------|-------------|------------|
| 50,000 lb   | <b>91765</b> | 10 lb       | \$1,275.00 |

#### Dimensions

| Rated Capacity | B    | C    | D    | E    | F    | G    | K    | I    |
|----------------|------|------|------|------|------|------|------|------|
| lb/in          |      |      |      |      |      |      |      |      |
| 50,000         | 8.25 | 7.25 | 2.00 | 1.76 | 0.75 | 0.93 | 1.80 | 2.50 |



#### Interchangeable Products

CARDINAL®  
**DB50000S**

#### Specifications

##### Full Scale Output:

2.0 ( $\pm 0.1\%$ ) mV/V

##### Output Resistance:

699 to 707 ohm

##### Input Resistance:

686 to 714 ohm

##### Material/Finish:

Stainless steel

##### Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

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 to 10 VDC (15 V maximum)

##### Combined Error:

0.03% full scale

##### Non-repeatability:

0.01% full scale

##### Insulation Resistance:

5,000 megohm

##### 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

##### Approvals:

cFMus

NTEP 92-018



**RL75040**

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



Picture is a representation of actual product.

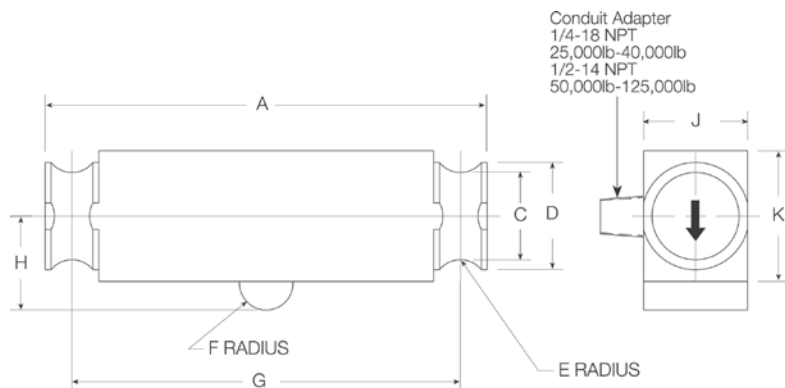
**Approvals****Order Information**

| Load Rating        | Part #       | Est. Weight | Price      |
|--------------------|--------------|-------------|------------|
| <b>35 ft Cable</b> |              |             |            |
| 25,000 lb          | <b>21614</b> | 11 lb       | \$675.00   |
| 40,000 lb          | <b>21615</b> | 12 lb       | \$805.00   |
| 50,000 lb LE       | <b>21616</b> | 17 lb       | \$885.00   |
| 60,000 lb LE       | <b>21617</b> | 17 lb       | \$885.00   |
| 75,000 lb          | <b>21618</b> | 17 lb       | \$885.00   |
| 100,000 lb         | <b>21619</b> | 40 lb       | \$1,669.00 |
| 125,000 lb         | <b>21620</b> | 40 lb       | \$1,669.00 |
| <b>40 ft Cable</b> |              |             |            |
| 50,000 lb SE       | <b>87253</b> | 11 lb       | \$805.00   |
| 60,000 lb SE       | <b>53593</b> | 11 lb       | \$805.00   |
| <b>50 ft Cable</b> |              |             |            |
| 50,000 lb LE       | <b>21621</b> | 18 lb       | \$925.00   |
| 60,000 lb LE       | <b>21622</b> | 18 lb       | \$925.00   |
| 75,000 lb          | <b>40951</b> | 18 lb       | \$925.00   |

SE=small envelope; LE=large envelope

**Dimensions**

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

**Interchangeable Products**

VPG® SENSORTRONICS®

**65040A** ..... page 296

ARTECH®

**80310**

THURMAN®

**TSC 840**

SENTRAN

**WD1**

ANYLOAD

**102TH****Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS

**Translink™** ..... page 78**Specifications****Full Scale Output:**

3.0 mV/V

**Output Resistance:**

700 (± 5) ohm

**Input Resistance:**

770 (± 10) ohm

pn 87253 and 53593: 686 to 714 ohms

**Material/Finish:**

High-alloy steel, nickel plated

**Temperature:**

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

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 to 10 VDC (15 V maximum)

**Combined Error:**

0.03% full scale

**Insulation Resistance:**

1,000 megohm

**Cable Length:**

35 ft

40 ft

50 ft

**Cable Diameter:**

25,000 lb: 0.200 in

40,000 to 75,000 lb: 0.305 in

Polyurethane jacket

**Cable Color Code:**

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

**Warranty:**

Two-year limited

**Approvals:**

cFMus

NTEP 00-027



Picture is a representation of actual product.

#### Approvals

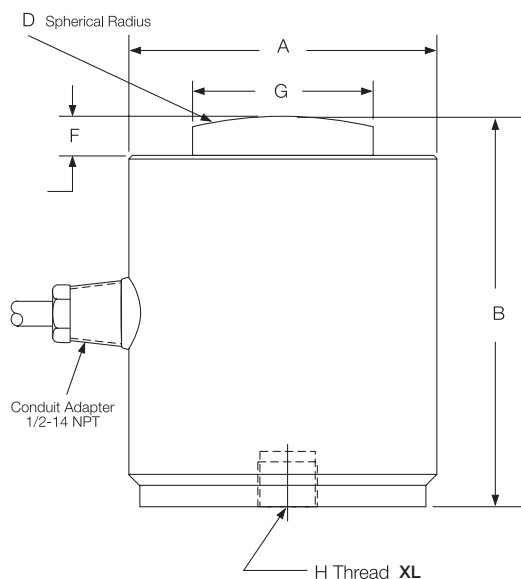


#### Order Information

| Load Rating        | Part #        | Est. Weight | Price      |
|--------------------|---------------|-------------|------------|
| <b>35 ft Cable</b> |               |             |            |
| 25,000 lb          | <b>32702</b>  | 7 lb        | \$1,925.00 |
| 50,000 lb          | <b>32701</b>  | 7 lb        | \$1,925.00 |
| 100,000 lb         | <b>32700</b>  | 15 lb       | \$2,250.00 |
| 200,000 lb         | <b>32699</b>  | 28 lb       | \$3,175.00 |
| <b>80 ft Cable</b> |               |             |            |
| 200,000 lb         | <b>197788</b> | 30 lb       | \$3,350.00 |

#### Dimensions

| Rated Capacity   | A    | B    | D     | F    | G    | H          | L-DEPTH |
|------------------|------|------|-------|------|------|------------|---------|
| lb/in            |      |      |       |      |      |            |         |
| 25,000 to 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    |



#### Interchangeable Products

VPG® REVERE

**CSP** ..... page 265

VPG® SENSORTRONICS®

**65088-1000**

VPG® REVERE

**692B**

HOWE RICHARDSON®

**244699-000X**

STREETER AMET®

**3760XXX**

#### Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

**MagnaMount™** ..... page 80

#### Specifications

##### Full Scale Output:

2.0 mV/V

##### Output Resistance:

475.2 to 484.8 ohm

##### Input Resistance:

445.5 to 454.5 ohm

##### Material/Finish:

Stainless steel

##### Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

##### Seal Type:

Welded-seal, IP67

##### Safe Overload:

150% full scale

##### Rated Excitation:

5 to 10 VDC (15 V maximum)

##### Combined Error:

0.03% full scale

##### Non-repeatability:

0.01% full scale

##### Insulation Resistance:

1,000 megohm

##### Deflection at Capacity:

25,000 to 50,000 lb: 0.003 in

100,000 to 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

##### Approvals:

NTEP 95-140

COMPRESSION CANISTER  
**RL8C2P1SST**

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



Picture is a representation of actual product.

Approvals

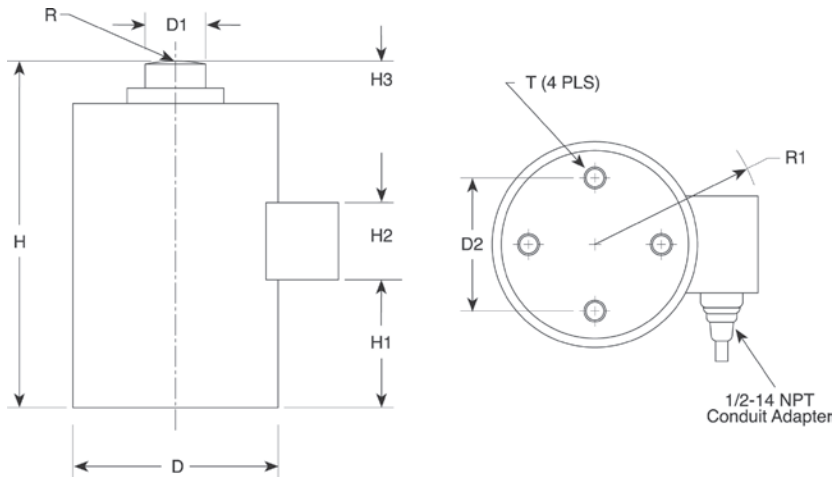


Order Information

| 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 |

Dimensions

| 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 |



Interchangeable Products

VPG® REVERE

792..... page 266

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:  
14 °F to 104 °F (-10 °C to 40 °C)  
Operating:  
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)
- Combined Error:**  
0.03% full scale
- Non-repeatability:**  
0.01% full scale
- Insulation Resistance:**  
> 1,000 megohm
- 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
- Approvals:**  
cFMus  
NTEP 92-218

RICE LAKE  
LOAD CELLS

**NEW**

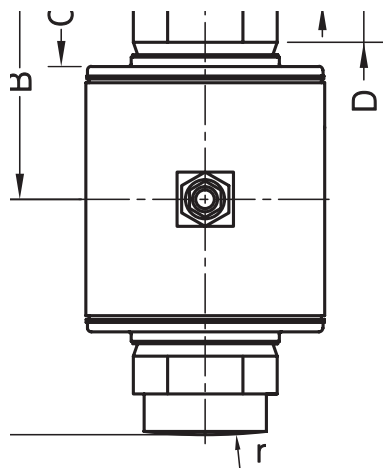
Picture is a representation of actual product.

**Approvals****Order Information**

| Load Rating          | Part #        | Est. Weight | Price    |
|----------------------|---------------|-------------|----------|
| 30,000 lb            | <b>221271</b> | 8 lb        | \$695.00 |
| 40,000 lb            | <b>207495</b> | 8 lb        | \$695.00 |
| <b>Load Cup Kits</b> |               |             |          |
| 30,000 lb            | <b>223356</b> | 7.50 lb     | \$110.00 |
| 40,000 lb            | <b>223357</b> | 7.94 lb     | \$110.00 |

**Dimensions**

| Rated Capacity | A    | B    | C    | D    | Ball r |
|----------------|------|------|------|------|--------|
| lb/in          |      |      |      |      |        |
| 30,000         | 5.51 | 2.76 | 1.10 | 0.28 | 7.09   |
| 40,000         | 5.91 | 2.95 | 1.30 | 0.47 | 7.87   |

**Specifications****Full Scale Output:**

2.0 mV/V

**Output Resistance:**1,005 ( $\pm 5$ ) ohm**Input Resistance:**1,150 ( $\pm 50$ ) ohm**Material/Finish:**

Stainless steel

**Temperature:**

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

**Seal Type:**

Hermetically sealer, IP69K

**Safe Overload:**

120% full scale

**Rated Excitation:**

5 to 10 VDC

**Combined Error:**

0.013% full scale

**Non-repeatability:**

0.01% full scale

**Insulation Resistance:**

5,000 megohm

**Deflection at Capacity:**

0.621 mm

**Cable Length:**

18 m overbraid cable

**Cable Color Code:**

Green +Excitation

Black -Excitation

Red +Signal

White -Signal

Blue +Sense

Yellow -Sense

**Warranty:**

Two-year limited

**Approvals:**

NTEP

ROCKER COLUMN  
**RLSCA-50K**

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



Picture is a representation of actual product.

Approvals



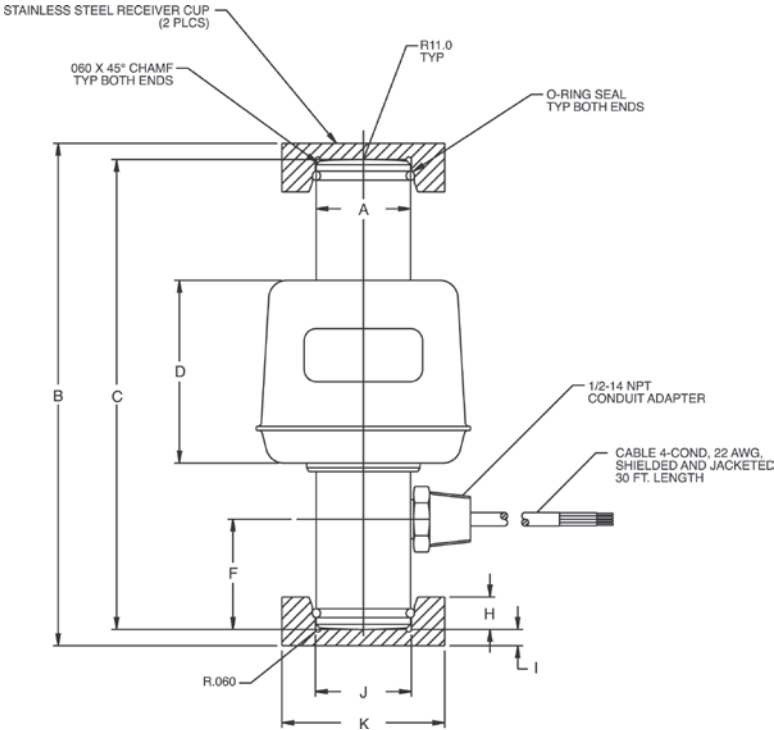
Order Information

| Load Rating                                       | Part # | Est. Weight | Price       |
|---|--------|-------------|-------------|
| 50,000 lb*  | 68918  | 7 lb        | \$1,285.00  |
| Replacement Parts                                 |        |             |             |
| Replacement load cup set upper and lower included | 85433  | 1 lb        | \$100.00    |
| Replacement O-ring                                | 92988  | 1 lb        | \$1.00/each |

\*Load cell supplied with load cups

Dimensions

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



Interchangeable Products

CARDINAL®  
SCA-50K

Specifications

- Full Scale Output:**  
2 mV/V nominal
- Output Resistance:**  
1,050 (± 10) ohm
- Input Resistance:**  
1,100 to 1,500 ohm
- Material/Finish:**  
Stainless steel
- Temperature:**  
Compensated:  
14 °F to 104 °F (-10 °C to 40 °C)  
Operating:  
0 °F to 150 °F (-18 °C to 65 °C)
- Seal Type:**  
Welded-seal, IP67
- Safe Overload:**  
150% full scale
- Rated Excitation:**  
5 to 10 VDC (15 V maximum)
- Combined Error:**  
0.025% full scale
- Non-repeatability:**  
0.01% full scale
- Insulation Resistance:**  
1,000 megohm
- 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
- Approvals:**  
NTEP 01-073  
cFMus

148 | RICE LAKE  
LOAD CELLS



Picture is a representation of actual product.

#### Approvals



#### Order Information: RL70510

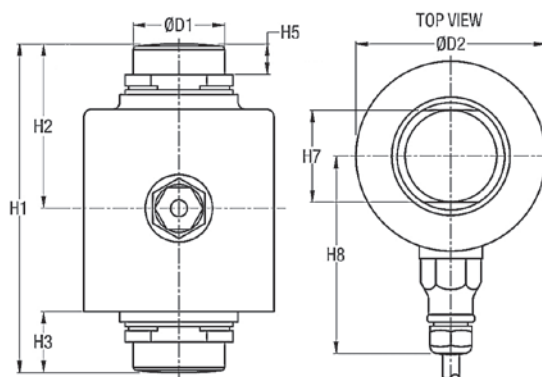
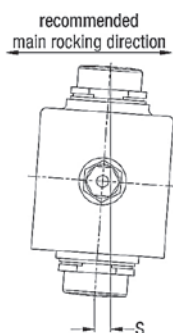
| Load Rating    | Part #        | Est. Weight | Price      |
|----------------|---------------|-------------|------------|
| 30t            | <b>169363</b> | 6 lb        | \$1,044.00 |
| Upper load cup | <b>109332</b> | 4 lb        | \$143.00   |
| Lower load cup | <b>109331</b> | 4 lb        | \$116.00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

#### Order Information: RL80453

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

#### Dimensions

| 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 |



#### 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 ( $\pm 2$ ) ohm

##### Input Resistance:

1,150 ( $\pm 50$ ) ohm

##### Material/Finish:

Stainless steel

##### Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

##### Seal Type:

Hermetically sealed, IP69K

##### Safe Overload:

200% full scale

##### Rated Excitation:

5 to 10 VDC (15 V max)

##### Combined Error:

0.02% full scale

##### Insulation Resistance:

5,000 megohm

##### 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

##### Approvals:

NTEP 15-057

ROCKER COLUMN  
**RL75114-50K**

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



Picture is a representation of actual product.

Approvals



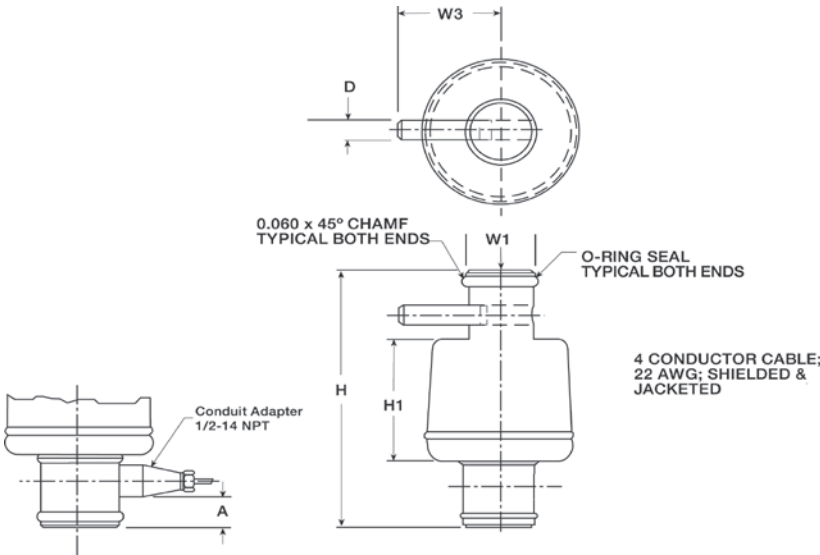
Order Information

| Load Rating        | Part # | Est. Weight | Price      |
|--------------------|--------|-------------|------------|
| 50,000 lb LE       | 88074  | 6 lb        | \$1,450.00 |
| Replacement Parts  |        |             |            |
| Replacement O-ring | 92988  | 1lb         | \$1.00     |
| Spring pin         | 116181 | 1 lb        | \$5.00     |

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

Dimensions

| Rated Capacity | A    | D    | H    | H1   | W1   | W3   |
|----------------|------|------|------|------|------|------|
| lb/in          |      |      |      |      |      |      |
| 50,000 LE      | 0.87 | 0.38 | 7.56 | 2.82 | 1.46 | 2.18 |



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:  
14 °F to 104 °F (-10 °C to 40 °C)  
Operating:  
0 °F to 150 °F (-18 °C to 65 °C)
- Seal Type:**  
Welded-seal, IP67
- Safe Overload:**  
150% full scale
- Rated Excitation:**  
5 to 10 VDC
- Combined Error:**  
0.025% full scale
- Non-repeatability:**  
0.01% full scale
- Insulation Resistance:**  
1,000 megohm
- 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
- Approvals:**  
NTEP 06-022  
cFMus





25K shown



5K shown

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

Picture is a representation of actual product.

**Approvals****Order Information**

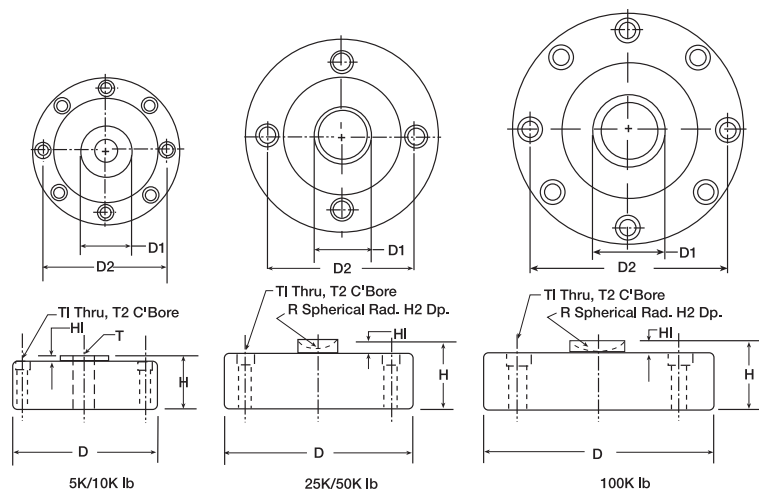
| Load Rating | Part #       | Est. Weight | Price    |
|-------------|--------------|-------------|----------|
| 5,000 lb*   | <b>33061</b> | 6 lb        | \$689.00 |
| 10,000 lb*  | <b>33062</b> | 6 lb        | \$689.00 |
| 25,000 lb   | <b>33063</b> | 9 lb        | \$843.00 |
| 50,000 lb   | <b>33064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

**Dimensions**

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

**Interchangeable Products**

VPG® CELTRON®

LCD .....page 199

**Specifications****Full Scale Output:**

4.0 mV/V

**Output Resistance:**

5,000 to 50,000 lb: 350 (± 3) ohm

100,000 lb: 700 (± 5) ohm

**Input Resistance:**

5,000 to 50,000 lb: 385 (± 5) ohm

100,000 lb: 770 (± 70) ohm

**Material/Finish:**

High-alloy steel, nickel plated

**Temperature:**

Operating:

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 megohm

**Cable Length:**

50 ft

**Cable Diameter:**

5,000 to 25,000 lb: 0.200 in

50,000 to 100,000 lb: 0.305 in

Polyurethane jacket

**Cable Color Code:**

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

**Warranty:**

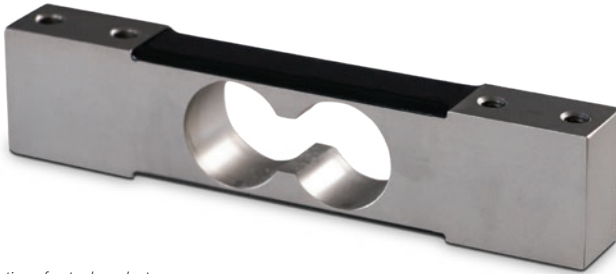
Two-year limited

**Approvals:**

cMus

SINGLE POINT  
**RLPC3SS**

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



Picture is a representation of actual product.

Approvals

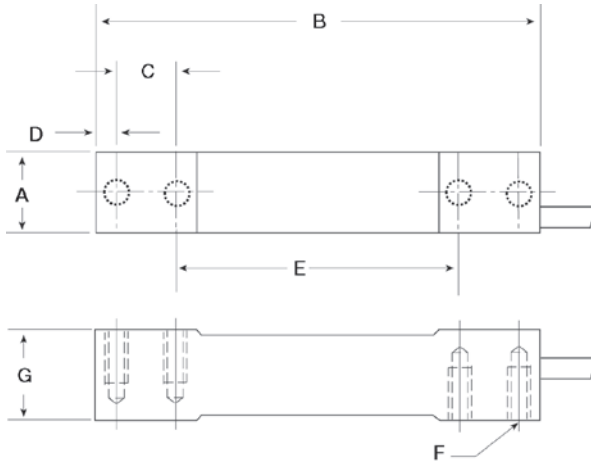


Order Information

| 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 |

Dimensions

| Rated Capacity | A    | B     | C    | D   | E    | F          | G    |
|----------------|------|-------|------|-----|------|------------|------|
| kg/mm          |      |       |      |     |      |            |      |
| 7 to 10        | 19.0 | 139.8 | 19.0 | 6.6 | 88.7 | M6 × 1.0   | 30.0 |
| 30 to 60       | 23.8 | 139.8 | 19.0 | 6.6 | 88.7 | M6 × 1.0   | 30.0 |
| 100 to 150     | 30.7 | 139.7 | 22.4 | 6.6 | 79.3 | 3/8-16 UNC | 30.0 |



Interchangeable Products

|                            |          |
|----------------------------|----------|
| RICE LAKE WEIGHING SYSTEMS |          |
| RL1380.....                | page 166 |
| FLINTEC®                   |          |
| PC3.....                   | page 216 |
| HBK®                       |          |
| PWS.....                   | page 231 |

Specifications

Full Scale Output:

2 mV/V

Output Resistance:

350 (± 10) ohm

Input Resistance:

385 (± 15) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

10 ft

Cable Diameter:

0.140 in

Polyurethane jacket

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Yellow Shield

Max Platform Size:

7 to 30 kg: 350 × 350 mm

60 to 150 kg: 450 × 450 mm

Warranty:

One-year limited

Approvals:

NTEP 21-017

OIML R60/2017-A-NL1-21.17



Picture is a representation of actual product.

#### Approvals

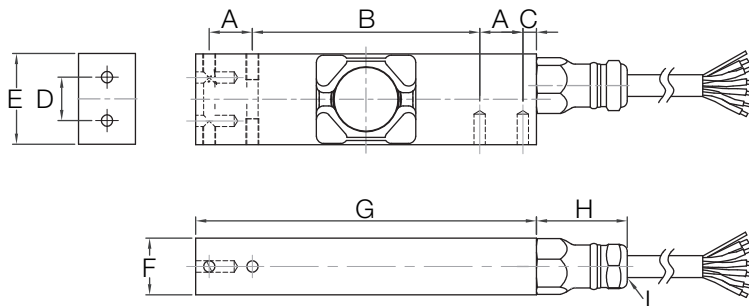


#### Order Information

| Load Rating | Part #        | Est. Weight | Price    |
|-------------|---------------|-------------|----------|
| 10 kg       | <b>205270</b> | 3 lb        | \$630.00 |
| 20 kg       | <b>205271</b> | 3 lb        | \$630.00 |
| 50 kg       | <b>205272</b> | 3 lb        | \$630.00 |
| 100 kg      | <b>205273</b> | 3 lb        | \$630.00 |

#### Dimensions

| Rated Capacity | A    | B     | C   | D    | E    | F    | G     | H    | I      |
|----------------|------|-------|-----|------|------|------|-------|------|--------|
| kg/mm          |      |       |     |      |      |      |       |      |        |
| 10 to 100      | 19.0 | 100.0 | 6.0 | 19.1 | 40.0 | 25.0 | 150.0 | 40.0 | M4 × 6 |



#### Interchangeable Products

FLINTEC®

**PC4** ..... page 217

HBK®

**PW15AH\*** ..... page 230

\*350 Ohm

#### Specifications

##### Full Scale Output:

2 mV/V

##### Output Resistance:

960 (± 50) ohm

##### Input Resistance:

1100 (± 50) ohm

##### Material/Finish:

Stainless steel

##### Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

##### Seal Type:

Hermetically sealed, IP69K

##### Safe Overload:

150% full scale

##### Rated Excitation:

5 to 10 VDC

##### Combined Error:

0.02% full scale

##### Insulation Resistance:

> 5,000 megohm

##### Cable Length:

10 ft

##### Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Blue +Sense

Brown -Sense

Yellow Shield

##### Max Platform Size:

500 × 400 mm

##### Warranty:

One-year limited

##### Approvals:

NTEP 21-016

OIML R60/2017-A-NL1-21.18

SINGLE POINT  
**RLPC6**

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



Picture is a representation of actual product.

Approvals

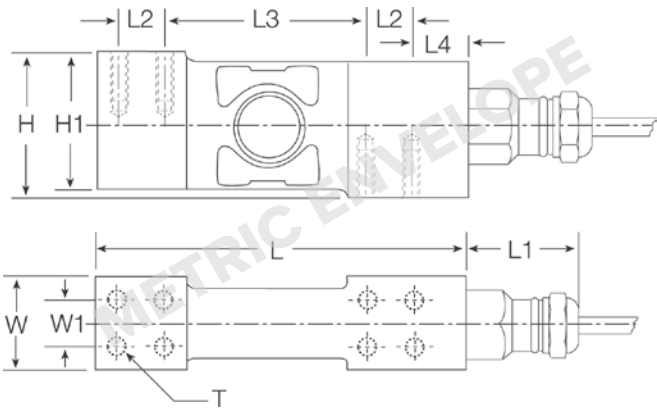


Order Information

| 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 |

Dimensions

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



Interchangeable Products

FLINTEC®  
PC6 ..... page 218

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:  
14 °F to 104 °F (-10 °C to 40 °C)  
Operating:  
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 to 10 VDC
- Combined Error:**  
0.02% full scale
- Insulation Resistance:**  
5,000 megohm
- Cable Length:**  
10 ft
- Cable Diameter:**  
0.196 in  
Polyurethane jacket
- Deflection at Capacity:**  
0.006 to 0.010 in
- Cable Color Code:**  
Green +Excitation  
Black -Excitation  
White +Signal  
Red -Signal  
Yellow Shield
- Max Platform Size:**  
24 × 24 in
- Warranty:**  
Two-year limited
- Approvals:**  
FM  
NTEP 06-011



Picture is a representation of actual product.

#### Approvals

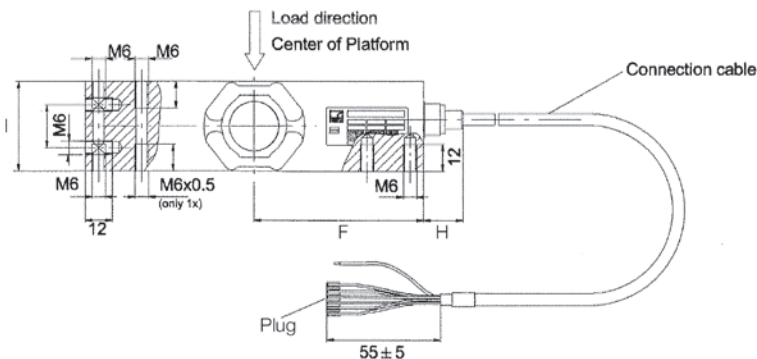


#### Order Information

| Load Rating          | Part #        | Est. Weight | Price    |
|----------------------|---------------|-------------|----------|
| <b>10 ft Cable</b>   |               |             |          |
| 10 kg                | <b>108685</b> | 3 lb        | \$775.00 |
| 20 kg                | <b>108686</b> | 3 lb        | \$775.00 |
| 50 kg                | <b>108687</b> | 3 lb        | \$775.00 |
| 100 kg               | <b>108688</b> | 3 lb        | \$775.00 |
| <b>2.83 ft Cable</b> |               |             |          |
| 10 kg                | <b>107174</b> | 3 lb        | \$775.00 |
| 20 kg                | <b>107175</b> | 3 lb        | \$775.00 |
| 50 kg                | <b>107176</b> | 3 lb        | \$775.00 |
| 100 kg               | <b>107177</b> | 3 lb        | \$775.00 |

#### Dimensions

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



**Mounting:**  
Cylindrical head screw M6-10.9  
Tightening torque: 14 N·m

#### Interchangeable Products

HBK®  
PW15AH ..... page 230

#### Specifications

**Full Scale Output:**

2.0 mV/V

**Output Resistance:**

350 (± 10) ohm

**Input Resistance:**

380 (± 15) ohm

**Material/Finish:**

Stainless steel

**Temperature:**

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

**Seal Type:**

Hermetically sealed, IP69K

**Safe Overload:**

150% full scale

**Rated Excitation:**

5 to 10 VDC (15 V maximum)

**Combined Error:**

0.02% full scale

**Insulation Resistance:**

1,000 megohm

**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

**Max Platform Size:**

500 × 400 mm

**Warranty:**

Two-year limited

**Approvals:**

FM

NTEP 09-015

SINGLE POINT  
**RLPWM15**

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



Picture is a representation of actual product.

Approvals

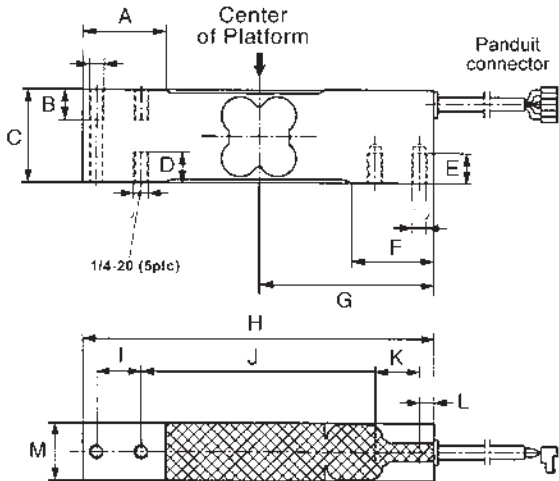


Order Information

| Load Rating | Part # | Est. Weight | Price    |
|-------------|--------|-------------|----------|
| 10 kg       | 119904 | 1 lb        | \$495.00 |
| 15 kg       | 119912 | 1 lb        | \$495.00 |
| 20 kg       | 119905 | 1 lb        | \$495.00 |
| 50 kg       | 119908 | 1 lb        | \$495.00 |
| 75 kg       | 119909 | 1 lb        | \$495.00 |
| 100 kg      | 119910 | 1 lb        | \$495.00 |

Dimensions

| Rated Capacity | A    | B    | C    | D    | E    | F    | G    | H     | I    | J     | K    | L   | M    | T          |
|----------------|------|------|------|------|------|------|------|-------|------|-------|------|-----|------|------------|
| kg/mm          |      |      |      |      |      |      |      |       |      |       |      |     |      |            |
| 10 to 100      | 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 |



Interchangeable Products

|                       |                |
|-----------------------|----------------|
| HBK®                  |                |
| PW15                  | ..... page 229 |
| VPG® TEDEA-HUNTLEIGH® |                |
| 1142                  | ..... page 318 |

Specifications

- Full Scale Output:**  
2.0 mV/V
- Bridge Resistance:**  
350 ohm, nominal
- Material/Finish:**  
Stainless steel
- Temperature:**  
Compensated:  
14 °F to 104 °F (-10 °C to 40 °C)  
Operating:  
0 °F to 150 °F (-18 °C to 65 °C)
- Seal Type:**  
Environmentally sealed, IP67
- Safe Overload:**  
150% full scale
- Rated Excitation:**  
5 to 10 VDC (15 V maximum)
- Combined Error:**  
0.02% full scale
- Insulation Resistance:**  
1,000 megohm
- Cable Length:**  
10 ft
- Cable Diameter:**  
0.190 in PVC jacket
- Cable Color Code:**  
Blue +Excitation  
Black -Excitation  
White +Signal  
Red -Signal  
Green +Sense  
Grey -Sense
- Max Platform Size:**  
15 × 15 in
- Warranty:**  
Two-year limited
- Approvals:**  
FM  
NTEP 11-038



Picture is a representation of actual product.

## Approvals

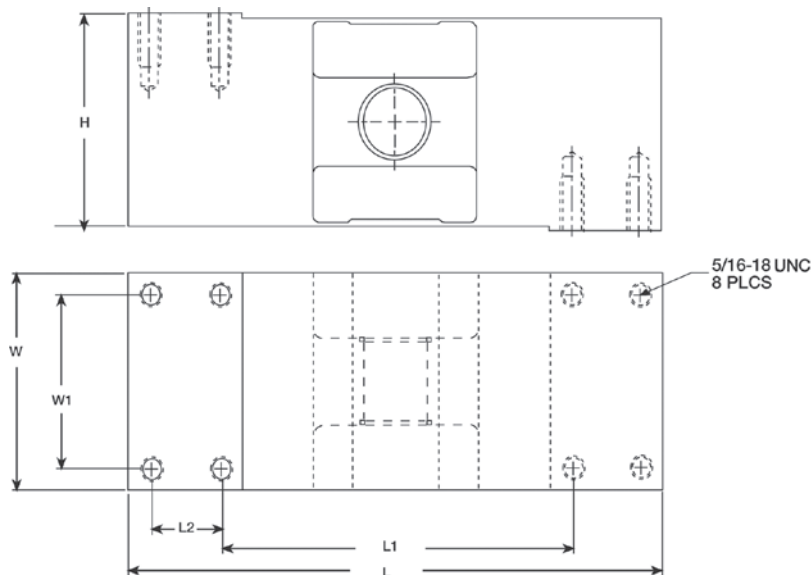


## Order Information

| 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       | \$980.00 |

## Dimensions

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



## Specifications

### Full Scale Output:

2 mV/V

### Output Resistance:

960 ( $\pm 50$ ) ohm

### Input Resistance:

1,100 ( $\pm 50$ ) ohm

### Material/Finish:

Stainless steel

### Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

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 to 10 VDC

### Combined Error:

0.020% full scale

### Insulation Resistance:

5,000 megohm

### 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 (shield connected to element)

### Max Platform Size:

24 × 24 in

### Warranty:

Two-year limited

### Approvals:

FM

NTEP 07-094



# SINGLE POINT RL1521A

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



Picture is a representation of actual product.

## Approvals

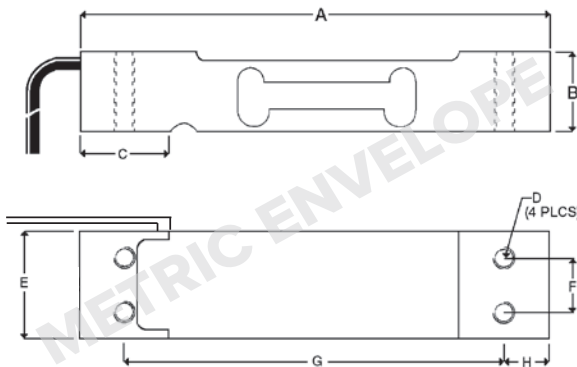


## Order Information:

| Load Rating           | Part # | Est. Weight | Price    |
|-----------------------|--------|-------------|----------|
| <b>1.50 ft Cables</b> |        |             |          |
| 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 |
| <b>10 ft Cables</b>   |        |             |          |
| 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 |

## Dimension

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



## Interchangeable Products

VPG® CELTRON®

LPS except 3 kg ..... page 197

VPG® TEDEA-HUNTLEIGH®

1022 ..... page 310

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:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

### Seal Type:

Environmentally sealed, IP66

### Safe Overload:

150% full scale

### Rated Excitation:

5 to 10 VDC (15 V maximum)

### Combined Error:

0.03% full scale

### Insulation Resistance:

2,000 megohm

### 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 × 13.75 in

### Warranty:

Two-year limited

### Approvals:

cFMus

NTEP 98-166



Picture is a representation of actual product.

### Approvals

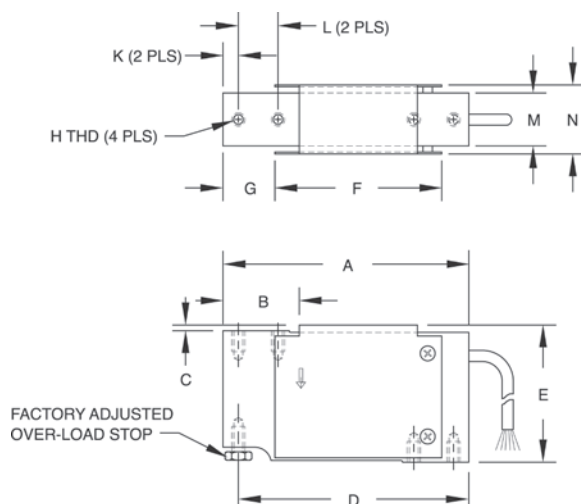


### Order Information

| Load Rating                         | Part # | Est. Weight | Price    |
|-------------------------------------|--------|-------------|----------|
| <b>NTEP Certified, Potted</b>       |        |             |          |
| 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 |
| <b>Non-NTEP Certified, Potted</b>   |        |             |          |
| 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 |
| <b>Non-NTEP Certified, Unpotted</b> |        |             |          |
| 3 kg                                | 17527  | 1 lb        | \$190.00 |
| 5 kg                                | 17528  | 1 lb        | \$190.00 |

### Dimensions

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



### Interchangeable Products

VPG® TEDEA-HUNTLEIGH®

1010/1015.....page 311

### Specifications

#### Full Scale Output:

2.0 mV/V

#### Output Resistance:

350 (± 3) ohm, nominal

#### Input Resistance:

415 (± 15) ohm

#### Material/Finish:

Anodized aluminum

#### Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

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 to 10 VDC (15 V maximum)

#### Combined Error:

0.02% full scale

#### Insulation Resistance:

5,000 megohm

#### Deflection at Capacity:

0.015 in

#### Cable Length:

Potted: 10 ft

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 x 15.75 in

#### Warranty:

Two-year limited

#### Approvals:

cFMus

NTEP 00-062



Picture is a representation of actual product.

Approvals

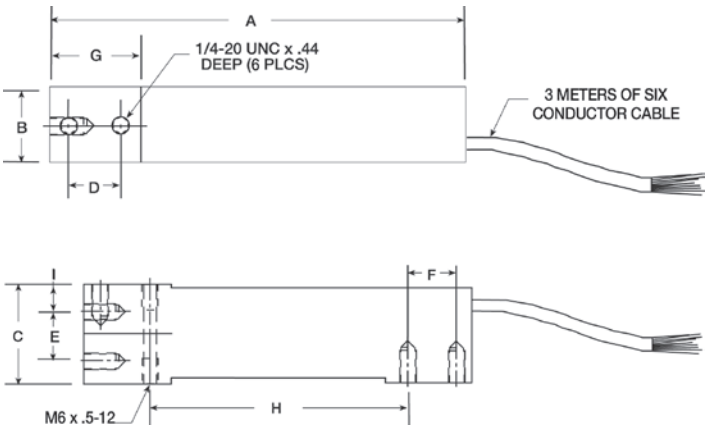


Order Information

| Load Rating    | Part # | Est. Weight | Price    |
|----------------|--------|-------------|----------|
| NTEP Certified |        |             |          |
| 7 kg           | 91725  | 2 lb        | \$222.00 |
| 10 kg          | 91726  | 2 lb        | \$235.00 |
| 15 kg          | 91727  | 2 lb        | \$235.00 |
| 20 kg          | 91728  | 2 lb        | \$235.00 |
| 30 kg          | 91729  | 2 lb        | \$235.00 |
| 50 kg          | 91730  | 2 lb        | \$235.00 |
| 75 kg          | 91731  | 2 lb        | \$235.00 |
| 100 kg         | 91732  | 2 lb        | \$235.00 |

Dimensions

| Rated Capacity | A     | B    | C    | D    | E    | F    | G    | H    | I    |
|----------------|-------|------|------|------|------|------|------|------|------|
| kg/mm          |       |      |      |      |      |      |      |      |      |
| 5 to 100       | 150.3 | 25.4 | 39.9 | 19.1 | 19.1 | 19.1 | 33.8 | 99.6 | 11.4 |



Interchangeable Products

HBK®  
SP4M..... page 228

Specifications

- Full Scale Output:**  
2.0 mV/V
- Output Resistance:**  
350 (± 3) ohm
- Input Resistance:**  
350 ohm
- Material/Finish:**  
Anodized aluminum
- Temperature:**  
Compensated:  
14 °F to 104 °F (-10 °C to 40 °C)  
Operating:  
0 °F to 150 °F (-18 °C to 65 °C)
- Seal Type:**  
Environmentally sealed, IP66
- Safe Overload:**  
150% full scale
- Rated Excitation:**  
5 to 10 VDC (15 V maximum)
- Combined Error:**  
0.02% full scale
- Insulation Resistance:**  
5,000 megohm
- Deflection at Capacity:**  
0.4 mm
- Cable Length:**  
10 ft
- Cable Diameter:**  
0.19 in PVC jacket
- Cable Color Code:**  
Green +Excitation  
Black -Excitation  
Red +Signal  
White -Signal  
Blue +Sense  
Brown -Sense  
Yellow Shield
- Max Platform Size:**  
5 to 10 kg: 12 × 12 in  
15 to 30 kg: 18 × 18 in  
50 to 100 kg: 24 × 24 in
- Warranty:**  
Two-year limited
- Approvals:**  
FM  
NTEP 05-114



Picture is a representation of actual product.

### Approvals

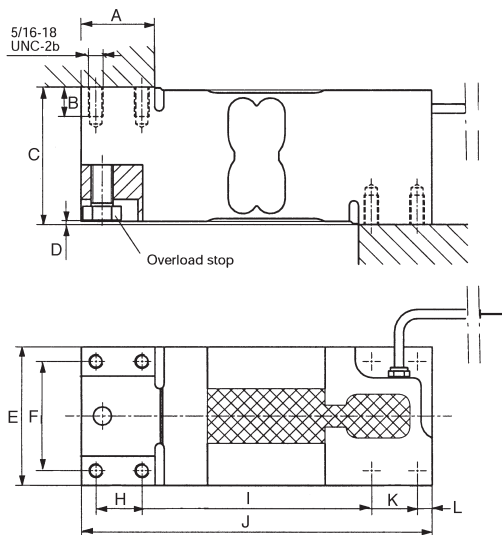


### Order Information

| Load Rating | Part # | Est. Weight | Price    |
|-------------|--------|-------------|----------|
| 500 kg      | 91681  | 6 lb        | \$334.00 |
| 1,000 kg    | 91683  | 6 lb        | \$334.00 |

### Dimensions

| Rated Capacity | A    | B    | C    | D   | E    | F    | H    | I     | J     | K    | L   |
|----------------|------|------|------|-----|------|------|------|-------|-------|------|-----|
| kg/mm          |      |      |      |     |      |      |      |       |       |      |     |
| 500 to 1,000   | 40.0 | 16.0 | 75.0 | 1.5 | 76.0 | 60.0 | 25.0 | 125.0 | 191.0 | 25.0 | 8.0 |



### Interchangeable Products

VPG® TEDEA-HUNTLEIGH®  
1250 ..... page 322

### Specifications

#### Full Scale Output:

2.0 mV/V

#### Output Resistance:

330 to 450 ohm, nominal

#### Input Resistance:

300 to 500 ohm

#### Material/Finish:

Aluminum

#### Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

#### Seal Type:

Environmentally sealed, IP67

#### Safe Overload:

150% full scale

#### Rated Excitation:

5 to 10 VDC (15 V maximum)

#### Combined Error:

0.02% full scale

#### Insulation Resistance:

1,000 megohm

#### Cable Length:

10 ft

#### Cable Diameter:

0.190 in PVC jacket

#### Cable Color Code:

Green +Excitation

Black -Excitation

Red +Signal

White -Signal

Blue +Sense

Brown -Sense

#### Max Platform Size:

30 × 30 in

#### Warranty:

Two-year limited

#### Approvals:

FM

NTEP 05-113

SINGLE POINT  
**RLPWM16**

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

**Limited Stock Available**



Picture is a representation of actual product.

Approvals

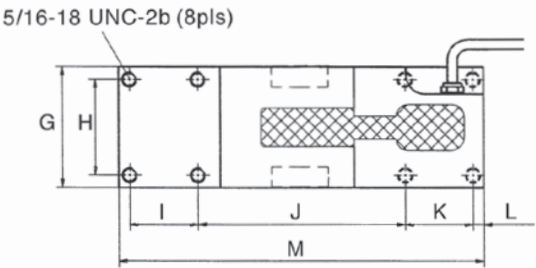
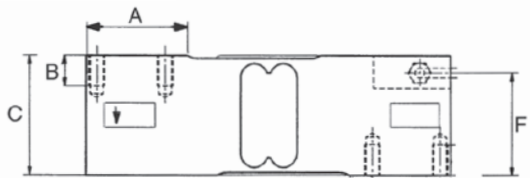


Order Information

| Load Rating | Part # | Est. Weight | Price    |
|-------------|--------|-------------|----------|
| 75 kg       | 91686  | 5 lb        | \$313.00 |

Dimensions

| Rated Capacity | A    | B    | C    | F    | G    | H    | I    | J     | K    | L   | M     |
|----------------|------|------|------|------|------|------|------|-------|------|-----|-------|
| kg/mm          |      |      |      |      |      |      |      |       |      |     |       |
| 75             | 52.0 | 16.0 | 62.3 | 52.3 | 63.0 | 50.0 | 35.0 | 107.0 | 35.0 | 5.5 | 188.0 |



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

**RL1260**

VPG® TEDEA-HUNTLEIGH®

**1260** ..... page 319

Specifications

**Full Scale Output:**

2.0 mV/V

**Output Resistance:**

300 to 500 ohm

**Input Resistance:**

300 to 500 ohm

**Material/Finish:**

Aluminum

**Temperature:**

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

**Seal Type:**

Environmentally sealed, IP67

**Safe Overload:**

150% full scale

**Rated Excitation:**

5 to 10 VDC (15 V maximum)

**Combined Error:**

0.02% full scale

**Insulation Resistance:**

1,000 megohm

**Cable Length:**

10 ft

**Cable Diameter:**

0.190 in PVC jacket

**Deflection at Capacity**

50 to 635 kg < 0.6 mm

**Cable Color Code:**

Green +Excitation

Black -Excitation

Red +Signal

White -Signal

Blue +Sense

Brown -Sense

**Max Platform Size:**

24 × 24 in

**Warranty:**

Two-year limited

**Approvals:**

FM

NTEP 05-112

RICE LAKE  
LOAD CELLS

**Limited Stock Available**

SINGLE POINT  
**RL1042**

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



Picture is a representation of actual product.

#### Approvals

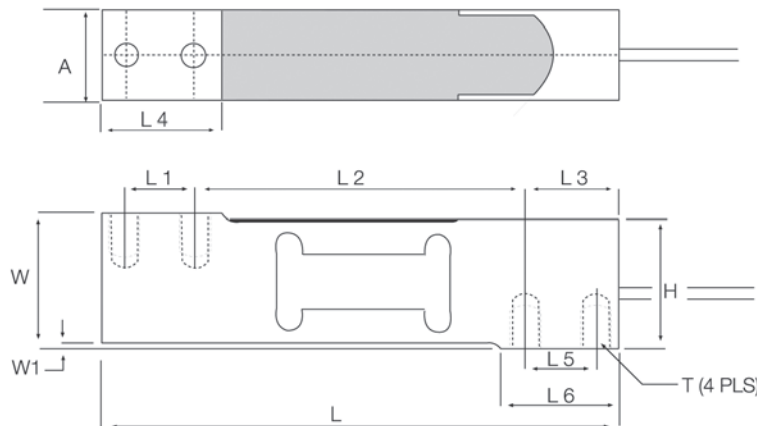


#### Order Information

| Load Rating | Part # | Est. Weight | Price    |
|-------------|--------|-------------|----------|
| 1 kg        | 40955  | 1 lb        | \$190.00 |

#### Dimensions

| Rated Capacity | A    | H    | L     | L1   | L2    | L3   | L4   | L5   | L6   | W    | W1  | T          |
|----------------|------|------|-------|------|-------|------|------|------|------|------|-----|------------|
| kg/mm          |      |      |       |      |       |      |      |      |      |      |     |            |
| 1              | 20.0 | 39.0 | 150.0 | 19.0 | 100.0 | 25.0 | 34.0 | 19.0 | 34.0 | 40.0 | 1.0 | 1/4-20 UNC |



#### Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

**RLSP4**.....page 160

VPG® TEDEA-HUNTLEIGH®

**1042**.....page 313

HBK®

**SP4M**.....page 228

FLINTEC®

**PC 42**

#### Specifications

**Full Scale Output:**

2.0 mV/V

**Output Resistance:**

350 (± 3) ohm

**Input Resistance:**

415 (± 15) ohm

**Material/Finish:**

Aluminum

**Temperature:**

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

**Seal Type:**

Environmentally sealed, IP66

**Safe Overload:**

150% full scale

Over-center loading point

**Rated Excitation:**

5 to 10 VDC (15 V maximum)

**Combined Error:**

0.02% full scale

**Insulation Resistance:**

2,000 megohm

**Deflection at Capacity:**

0.015 in

**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:**

16 × 16 in

**Warranty:**

Two-year limited

**Approvals:**

FM

NTEP 97-138

RICE LAKE  
LOAD CELLS

SINGLE POINT  
**RL1040**

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



Picture is a representation of actual product.

Approvals

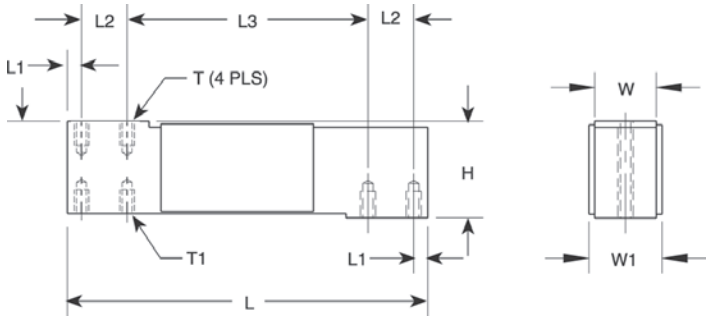


Order Information

| Load Rating          | Part # | Est. Weight | Price    |
|----------------------|--------|-------------|----------|
| <b>Potted IP67</b>   |        |             |          |
| 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 |
| <b>Unpotted IP65</b> |        |             |          |
| 5 kg                 | 32859  | 2 lb        | \$206.00 |

Dimensions

| Rated Capacity | H    | L     | L1   | L2   | L3    | T                  | T1                 | W    | W1   |
|----------------|------|-------|------|------|-------|--------------------|--------------------|------|------|
| kg/mm          |      |       |      |      |       |                    |                    |      |      |
| 5 to 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 |



Interchangeable Products

VPG® TEDEA-HUNTLEIGH®  
**1040** ..... page 314  
CARDINAL®  
**TSP**

Specifications

- Full Scale Output:**  
2.0 mV/V
- Output Resistance:**  
350 (± 3) ohm
- Input Resistance:**  
415 (± 5) ohm
- Material/Finish:**  
Anodized aluminum
- Temperature:**  
Compensated:  
14 °F to 104 °F (-10 °C to 40 °C)  
Operating:  
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 to 10 VDC (15 V maximum)
- Combined Error:**  
0.02% full scale
- Insulation Resistance:**  
2,000 megohm
- 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 × 15.75 in
- Warranty:**  
Two-year limited
- Approvals:**  
cFMus  
NTEP 95-074





Picture is a representation of actual product.

## Approvals

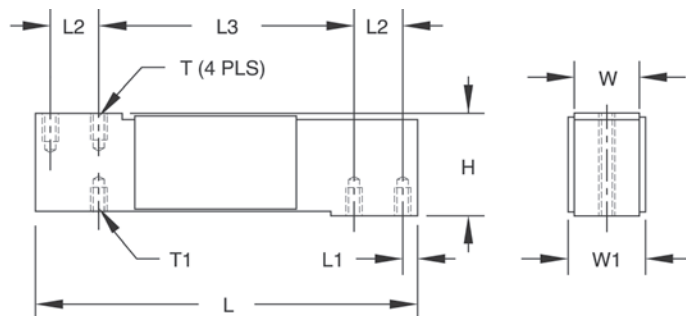


## Order Information

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

## Dimensions

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



## Interchangeable Products

VPG® TEDEA-HUNTLEIGH®

**1140** ..... page 316

## Specifications

### Full Scale Output:

2.0 mV/V

### Output Resistance:

350 (± 5) ohm, nominal

### Input Resistance:

383 (± 15) ohm

### Material/Finish:

Stainless steel

### Temperature:

Operating:

14 ° F to 104 ° F (-10 ° C to 40 ° C)

Compensated:

14 ° F to 104 ° F (-10 ° C to 40 ° C)

### Seal Type:

Environmentally sealed, IP65

### Safe Overload:

200% at center loading point, full scale

### Rated Excitation:

5 to 10 VDC (15 V maximum)

### Combined Error:

0.02% full scale

### Insulation Resistance:

2,000 megohm

### 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 x 15.75 in

### Warranty:

Two-year limited

### Approvals:

cFMus

SINGLE POINT  
**RL1380**

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



Picture is a representation of actual product.

Approvals

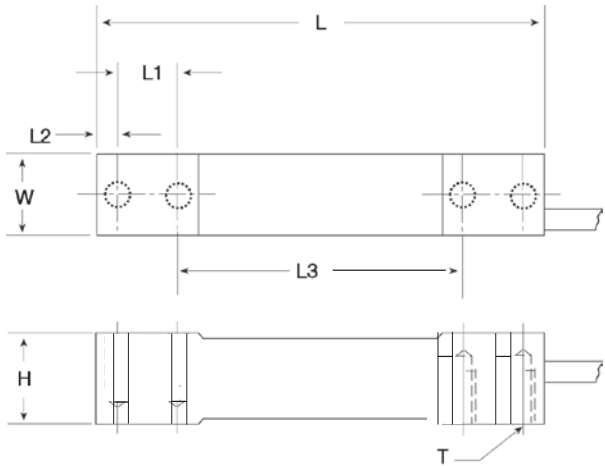


Order Information

| Load Rating | Part # | Est. Weight | Price    |
|-------------|--------|-------------|----------|
| 7 kg        | 30783  | 2 lb        | \$350.00 |
| 10 kg       | 30782  | 2 lb        | \$350.00 |
| 15 kg       | 30781  | 2 lb        | \$350.00 |
| 30 kg       | 30780  | 2 lb        | \$350.00 |
| 60 kg       | 30779  | 2 lb        | \$350.00 |

Dimensions

| Rated Capacity | H    | L     | L1   | L2  | L3   | T          | W    |
|----------------|------|-------|------|-----|------|------------|------|
| kg/mm          |      |       |      |     |      |            |      |
| 7 to 15        | 30.2 | 139.7 | 19.1 | 6.4 | 88.9 | 1/4-20 UNC | 19.0 |
| 30 to 60       | 30.2 | 139.7 | 19.1 | 6.4 | 88.9 | 1/4-20 UNC | 23.6 |



Interchangeable Products

HBK®  
PWS.....page 231

Specifications

- Full Scale Output:**  
2.0 mV/V
- Output Resistance:**  
359 (± 10) ohm
- Input Resistance:**  
390 (± 15) ohm
- Material/Finish:**  
Stainless steel
- Temperature:**  
Compensated:  
14 °F to 104 °F (-10 °C to 40 °C)  
Operating:  
0 °F to 150 °F (-18 °C to 65 °C)
- Seal Type:**  
Environmentally sealed, IP67
- Safe Overload:**  
150% full scale
- Rated Excitation:**  
5 to 10 VDC (15 V maximum)
- Combined Error:**  
0.03% full scale
- Insulation Resistance:**  
5,000 megohm
- Deflection at Capacity:**  
<0.4 mm full scale
- Cable Length:**  
10 ft
- Cable Diameter:**  
0.190 in  
Polyurethane jacket
- Cable Color Code:**  
Green +Excitation  
Black -Excitation  
White +Signal  
Red -Signal  
Yellow Shield
- Max Platform Size:**  
15.75 × 15.75 in
- Warranty:**  
Two-year limited
- Approvals:**  
FM  
NTEP 94-128



Picture is a representation of actual product.

## Approvals

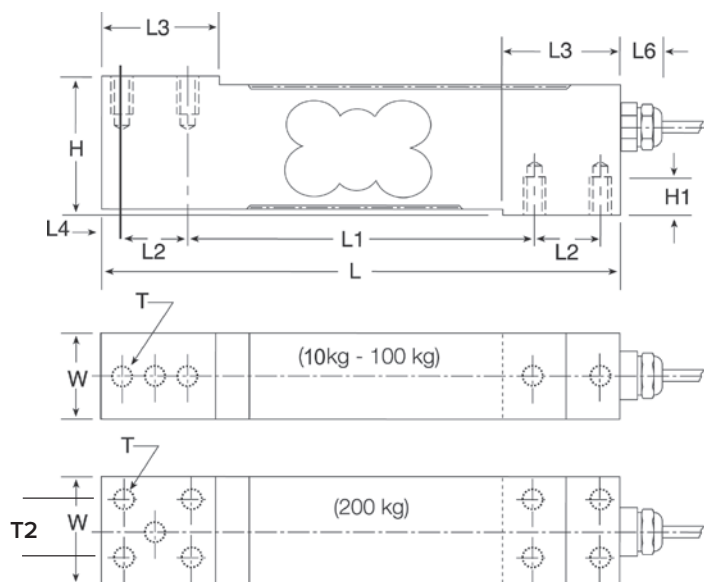


## Order Information

| Load Rating               | Part # | Est. Weight | Price    |
|---------------------------|--------|-------------|----------|
| <b>NTEP Certified</b>     |        |             |          |
| 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 |
| <b>Non-NTEP Certified</b> |        |             |          |
| 100 kg                    | 41237  | 3 lb        | \$310.00 |
| 200 kg                    | 41406  | 4 lb        | \$477.00 |

## Dimensions

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



## Interchangeable Products

FLINTEC®  
PC1.....page 215

## Specifications

**Full Scale Output:**  
2.0 mV/V

**Output Resistance:**  
330 (± 25) ohm

**Input Resistance:**  
390 (± 20) ohm

**Material/Finish:**  
Stainless steel

**Temperature:**  
Operating:  
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 megohm

**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 Platform Size:**  
18 × 18 in

**Warranty:**  
Two-year limited

**Approvals:**  
FM  
NTEP 00-125

SINGLE POINT  
**RL260FD**

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



Protective Cover

Picture is a representation of actual product.

Approvals

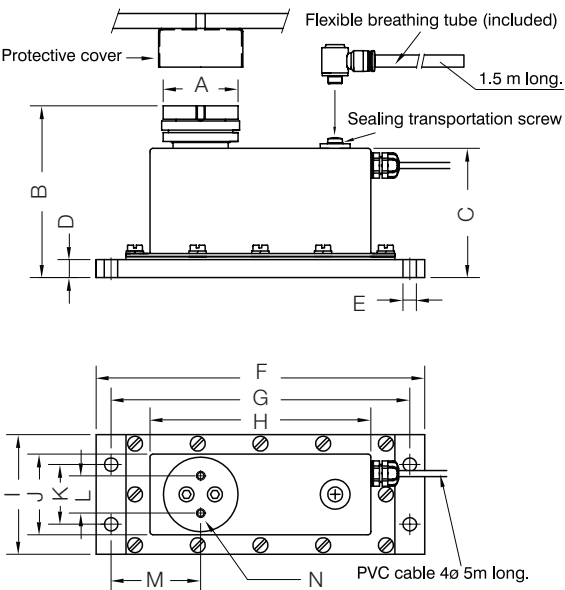


Order Information

| 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 |

Dimensions

| Rated Capacity | A      | B     | C    | D    | E   | F     | G     | H     | I    | J    | K    | L    | M    | N          |
|----------------|--------|-------|------|------|-----|-------|-------|-------|------|------|------|------|------|------------|
| kg/mm          |        |       |      |      |     |       |       |       |      |      |      |      |      |            |
| 2 to 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 |



Interchangeable Products

VPG® TEDEA-HUNTLEIGH®

**240\*** ..... page 325

\*5000d NTEP, 10ft cable

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

350 (± 3) ohm

Input Resistance:

400 (± 20) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP68

Safe Overload:

200% of full scale

Rated Excitation:

5 to 10 VDC

Combined Error:

0.017% full scale

Insulation Resistance:

> 5,000 megohm

Cable Length:

5 m

Cable Color Code:

Green +Excitation

Black -Excitation

Red +Signal

White -Signal

Blue +Sense

Yellow -Sense

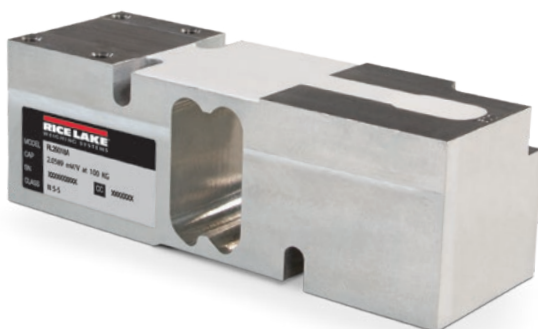
Warranty:

Two-year limited

Approvals:

NTEP 20-045

cFMus



Picture is a representation of actual product.

## Approvals

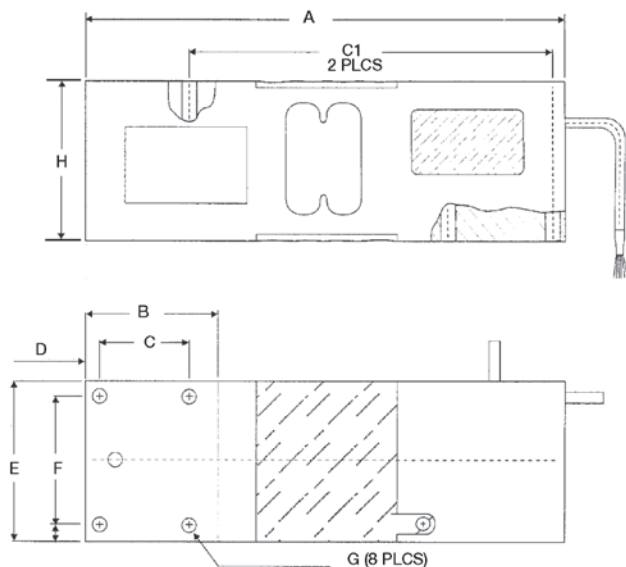


## Order Information

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

## Dimensions

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



## Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

**RLPWM16**.....page 162

RICE LAKE WEIGHING SYSTEMS

**RL1260**

VPG® TEDEA-HUNTLEIGH®

**1260** .....page 319

## 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:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

### Seal Type:

Environmentally sealed, IP67

### Safe Overload:

150% of full scale

### Rated Excitation:

5 to 10 VDC (15 V maximum)

### Combined Error:

0.02% full scale

### Insulation Resistance:

> 5,000 megohm

### Deflection at Capacity:

0.3 to 0.5 mm

### Cable Length:

10 ft

### Cable Color Code:

Green +Excitation

Black -Excitation

Red +Signal

White -Signal

Blue +Sense

Yellow -Sense

### Warranty:

Two-year limited

### Approvals:

cFMus

NTEP 18-108

SINGLE POINT  
**RL1218A**

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



Picture is a representation of actual product.

Approvals

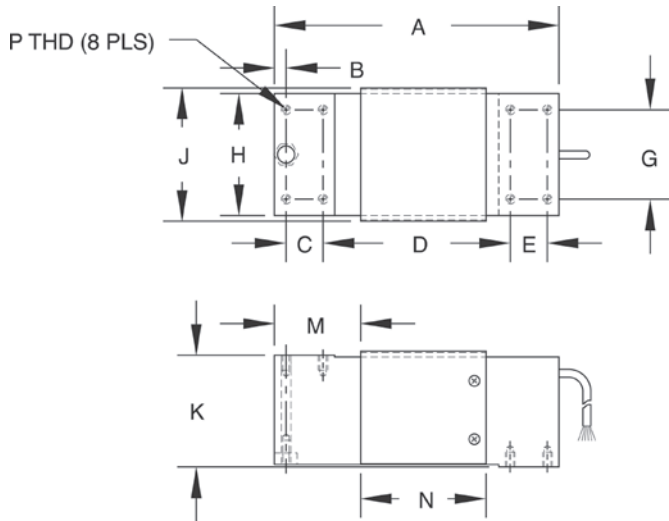


Order Information

| 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 |

Dimensions

| Rated Capacity | A     | B   | C    | D     | E    | G    | H    | J    | K    | M    | N    | P                      |
|----------------|-------|-----|------|-------|------|------|------|------|------|------|------|------------------------|
| kg/mm          |       |     |      |       |      |      |      |      |      |      |      |                        |
| 50 to 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<br>x 15 DP |



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS  
**RLPWM12**.....page 161  
VPG® TEDEA-HUNTLEIGH®  
**1250**..... page 322

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

**Deflection at Capacity:**  
0.4 mm

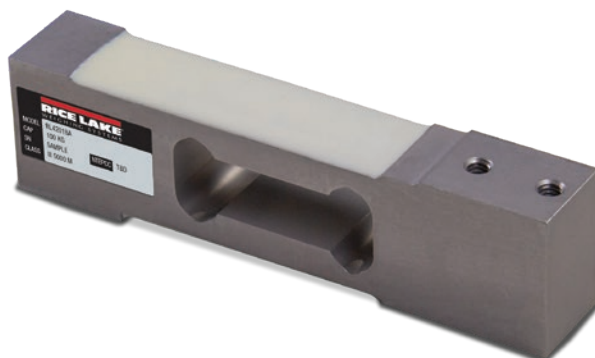
**Cable Length:**  
10 ft

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

**Max Platform Size:**  
50 to 500 kg: 800 × 800 mm  
635 to 1,000 kg: 600 × 600 mm

**Warranty:**  
Two-year limited

**Approvals:**  
cFMus  
NTEP 18-133



Picture is a representation of actual product.

## Approvals

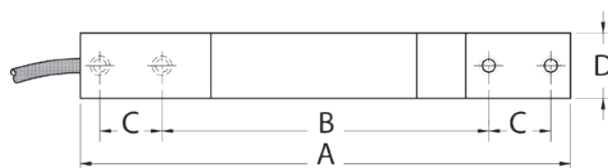
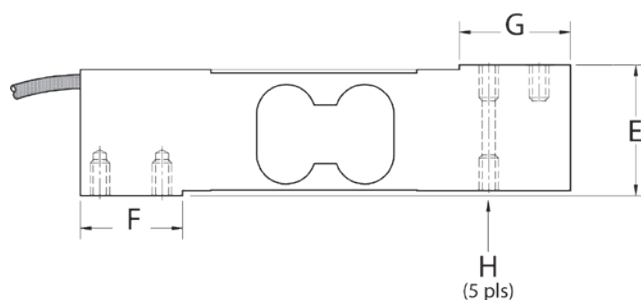


## Order Information

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

## Dimensions

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



## Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

**RL1042**.....page 163

RICE LAKE WEIGHING SYSTEMS

**RLSP4**.....page 160

VPG® TEDEA-HUNTLEIGH®

**1042**.....page 313

HBK®

**SP4M\***.....page 228

\*Color code is different

## Specifications

### Full Scale Output:

2.0 mV/V  $\pm$  10%

### Output Resistance:

350 ( $\pm$  3) ohm

### Input Resistance:

400 ( $\pm$  20) ohm

### Material/Finish:

Aluminum

### Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

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 megohm

### Deflection at Capacity:

0.3 to 0.5 mm

### Cable Length:

10 ft

### Cable Color Code:

Green +Excitation

Black -Excitation

Red +Signal

White -Signal

Blue +Sense

Yellow -Sense

### Max Platform Size:

15.75 x 15.75 in max

### Warranty:

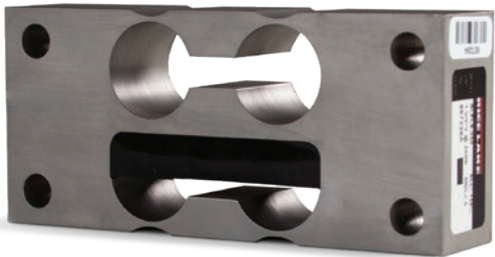
Two-year limited

### Approvals:

cFMus

NTEP 18-105





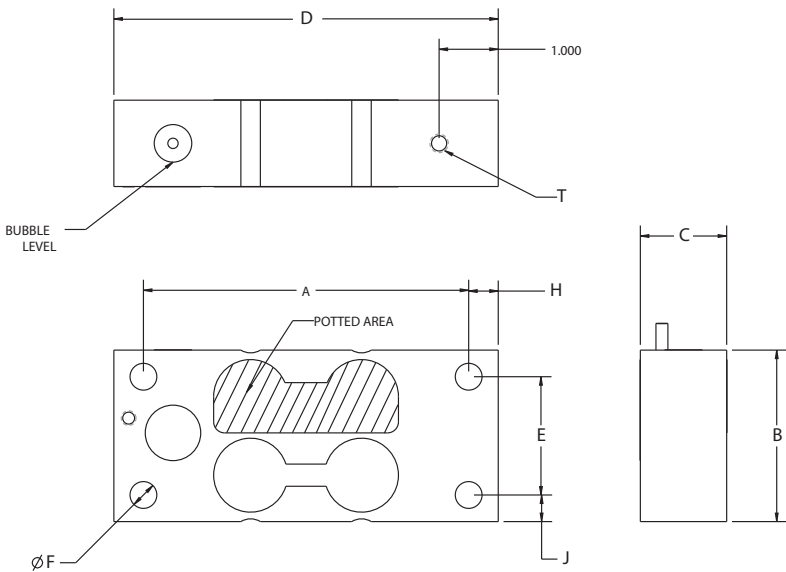
Picture is a representation of actual product.

Order Information

| Load Rating | Part # | Est. Weight | Price    |
|-------------|--------|-------------|----------|
| 50 lb       | 125612 | 3 lb        | \$650.00 |

Dimensions

| Rated Capacity | A    | B    | C    | D    | E    | F    | H    | J    | T                  |
|----------------|------|------|------|------|------|------|------|------|--------------------|
| lb/in          |      |      |      |      |      |      |      |      |                    |
| 50             | 5.50 | 2.90 | 0.74 | 6.50 | 2.00 | 0.50 | 0.50 | 0.45 | 5/16-18 UNC x 0.50 |

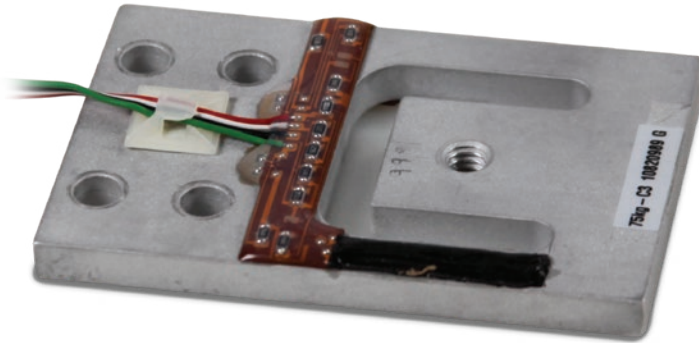


Interchangeable Products

AVERY WEIGH-TRONIX®  
**FLS**

Specifications

- Full Scale Output:**  
1.0 (± 10%) mV/V
- Output Resistance:**  
350 (± 3) ohm
- Input Resistance:**  
385 (± 10) ohm
- Material/Finish:**  
Stainless steel
- Temperature:**  
Operating:  
0 °F to 150 °F (-18 °C to 65 °C)
- Seal Type:**  
Environmentally sealed, IP67
- Safe Overload:**  
150% full scale
- Rated Excitation:**  
5 to 15 VDC
- Nonlinearity:**  
0.02% full scale
- Hysteresis:**  
0.02% full scale
- Insulation Resistance:**  
5,000 megohm
- Cable Length:**  
10 ft
- Cable Color Code:**  
Green +Excitation  
Black -Excitation  
Red +Signal  
White -Signal
- Warranty:**  
Two-year limited



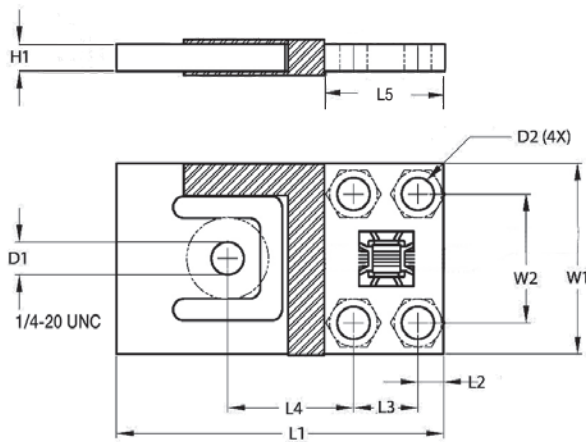
Picture is a representation of actual product.

## 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 |

## Dimensions

| Rated Capacity | L1    | L2  | L3   | L4   | L5   | W1   | W2   | H1  | D1  | D2  |
|----------------|-------|-----|------|------|------|------|------|-----|-----|-----|
| kg/mm          |       |     |      |      |      |      |      |     |     |     |
| 15.0           | 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 |
| 75.0           | 84.4  | 6.4 | 15.0 | 34.0 | 27.7 | 54.8 | 30.0 | 6.4 | 7.6 | 6.6 |
| 150.0          | 107.3 | 7.8 | 22.9 | 45.9 | 38.4 | 69.9 | 44.5 | 7.9 | 9.1 | 8.1 |



## Interchangeable Products

FLINTEC®

PB.....page 221

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

### Seal Type:

Environmentally sealed, IP65

### Safe Overload:

150% full scale

### Rated Excitation:

5 to 15 VDC

### Combined Error:

0.05% full scale

### Insulation Resistance:

5,000 megohm

### Cable Length:

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

### Cable Color Code:

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

### Warranty:

Two-year limited

TENSION LINK  
**RL2010**

Stainless Steel, Environmentally Sealed, IP67



Picture is a representation of actual product.

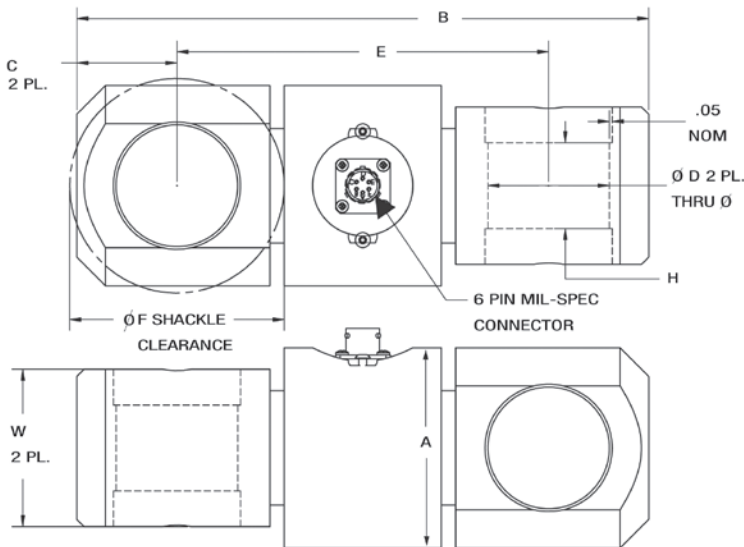
**Order Information**

| 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 |
| <b>Replacement Parts</b> |        |             |            |
| 40 ft load cell cable    | 187132 |             | \$175.00   |

NOTE: Consult factory for shackles

**Dimensions**

| Rated Capacity     | A    | B     | C    | ØD   | E     | ØF   | W    | H    |
|--------------------|------|-------|------|------|-------|------|------|------|
| lb/in              |      |       |      |      |       |      |      |      |
| 5,000 to 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 to 75,000   | 3.25 | 14.00 | 2.50 | 2.31 | 9.00  | 5.00 | 3.00 | 1.75 |
| 100,000 to 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 to 500,000 | 7.50 | 24.00 | 4.50 | 4.31 | 15.00 | 9.50 | 5.40 | 3.00 |



**Specifications**

- Full Scale Output:**  
3.0 (± 0.1%) mV/V
- Bridge Resistance:**  
350 ohm, nominal
- Material/Finish:**  
Stainless steel
- Temperature:**  
Operating:  
0 °F to 150 °F (-18 °C to 65 °C)
- Seal Type:**  
Environmentally sealed, IP67
- Safe Overload:**  
150% full scale
- Rated Excitation:**  
5 to 10 VDC (15 V maximum)
- Linearity:**  
0.05% full scale
- Repeatability:**  
0.03% full scale
- Insulation Resistance:**  
5,000 megohm
- Cable Length:**  
40 ft
- Cable Diameter:**  
0.25 in  
Polyurethane jacket with connector
- Cable Color Code:**  
Green +Excitation  
Black -Excitation  
White +Signal  
Red -Signal
- Warranty:**  
Two-year limited