

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. Complete with 20 ft of load cell cable.



Page 129

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.



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RL20000ST, 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 5,000 lb.



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RL20001I, ALLOY STEEL



Ideally 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.



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RL20001HE, STAINLESS STEEL



The RL20001HE is a full stainless steel, welded-seal, S-beam available in capacities ranging from 500 lb to 10,000 lb. This model is featured in our ITCM HE products, and is ideal for the harshest tension mounting applications. NTEP Certified in capacities ranging from 500 lb to 5,000 lb.



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RLETS, ALLOY STEEL



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



SINGLE-ENDED BEAMS

Page 134

RL32018, ALLOY STEEL



The Rice Lake RL32018 is 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 1,000 lb to 10,000 lb.



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SINGLE-ENDED BEAMS

Page 135

RL32018, ALLOY STEEL PAINTED



The Rice Lake RL32018 is a painted alloy steel single-ended beam cell offered from 500 lb to 20,000 lb. Each load cell has 20 ft of cable and is FM approved and NTEP Certified from 1,000 lb to 10,000 lb. Ideal for fertilizer applications.



Page 136

RL32018S, STAINLESS STEEL



The RL32018S stainless steel load cell is 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 1,000 lb to 10,000 lbs.



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RL32018S-P, STAINLESS STEEL



The RL32018S-P stainless steel load cell is available in capacities from 1,000 lb to 10,000 lb. Sealed to IP69K, it has a 3 mV output and is FM approved. Comes complete with 20 ft of PTFE cable.



Page 138

RL32018S-HE, STAINLESS STEEL



The Rice Lake RL32018S-HE is 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 1,000 lb to 10,000 lb.



Page 139

RL32019S-HE, STAINLESS STEEL



The RL32019S-HE is 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 140

RL32218S-HE, STAINLESS STEEL



The RL32218S-HE model is similar to the RL32019S-HE but with 20 ft of PTFE cable. As with the RL32019S-HE, this model is also hermetically sealed and comes in capacities from 1,000 lb to 10,000 lb.



Page 141

RL9018SS, STAINLESS STEEL



The Rice Lake RL9018SS is a stainless steel, single-ended beam load cell that is hermetically sealed with an IP68/IP69K rating. It has NTEP Certified for capacities from 5 kg to 500 kg. Each load cell comes with 3 m of cable.



Page 142

RL30000I, ALLOY STEEL



This threaded hole, single-ended beam 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 143

RL30002, ALLOY STEEL



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.



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SINGLE-ENDED BEAMS

Page 144

RLH35, STAINLESS STEEL



Stainless steel construction and integral mounting foot as well as dimensional and electrical interchangeability with several load cell manufacturers. Capacities range from 500 lb to 5,000 lb. Each cell comes with 20 ft of load cell cable.



Page 145

RL39123, STAINLESS STEEL



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 146

RL32018S-T, STAINLESS STEEL



The RL32018S-T is a replacement for the RL30745 load cell used in the RLTm weigh modules as well as a replacement for the Mettler Toledo® Model 745. Complete with 15 ft or 30 ft of cable, it is NTEP Certified as well as FM approved.



Page 147

RL30745, STAINLESS STEEL



This stainless steel, welded-seal, single-ended beam provides excellent protection against corrosive and washdown environments. This model is also a direct replacement cell for the Mettler Toledo® 745 Mount. It is ideally suited for low-profile platforms and vessel weighing. Available in capacities ranging from 500 lb to 10,000 lb. Complete with 30 ft load cell cable.



Page 148

RL35023S, STAINLESS STEEL, PAINTED



The RL35023S painted load cell is a version of the RL35023S stainless steel load cell listed above but with the added protection of a proprietary coating. This coating will protect the load cell element in dry chemical applications that would normally cause standard stainless steel load cells to fail. The most common application is fertilizer.



Page 149

RLETB, ALLOY STEEL



Single-ended beam designed for low-profile scales and process applications. OIML approved and metric envelope capacities range from 1,000 kg to 5,000 kg. Complete with 6 m of load cell cable.



Page 150

RLHTO, STAINLESS STEEL



Low profile and hermetic sealing combined with high accuracy makes the RLHTO ideally suited for low-profile platforms, pallet truck weighers, tanks and silos. Hermetically sealed and polyurethane shielded cable enable it to function in harsh environments while maintaining its operating specifications. Capacities range from 500 kg to 5,000 kg. Complete with 5 m of load cell cable.



Page 151

RLSSB, STAINLESS STEEL



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.



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SINGLE-ENDED BEAMS

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RLSB250/RLSB250T, STAINLESS STEEL



Interchangeable with Cardinal® SB2500. Stainless steel construction with welded seal. NTEP Certified capacity of 2,500 lb - 10,000 lb available. Comes complete with 15 ft or 20 ft of load cell cable.



Page 153

RL50219SS, STAINLESS STEEL



The RL50219SS is a direct replacement for the RL50210SS stainless cantilever beam cell. It is IP67 and comes with 20ft of cable. Used in the RL50210SS-TA weigh modules in capacities from 25 lb to 500 lb.



Page 154

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 155

RL60040SST, STAINLESS STEEL



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

DISCONTINUED

Page 156

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 157

RL32011WB-L, STAINLESS STEEL



The Legal for Trade RL32011WB-L is our direct link-style replacement for the Avery Weigh-Tronix® Weigh Bar®, improved upon with 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 158

RL32011WB-T, STAINLESS STEEL



The RL32011WB-T, used in many floor scale models, is 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 159

RL72020, ALLOY STEEL



The RL72020 is an alloy steel, double-ended beam load cell ideal for truck, tank and hopper applications. The RL72020 is available in capacities of 5,000 lb to 250,000 lb and is complete with 30 ft of load cell cable.



Page 160

RL72020SS, STAINLESS STEEL



The RL72020SS is a stainless steel, double-ended beam load cell with an environmental seal and Legal for Trade NTEP certification. Available in capacities of 5,000 lb to 150,000 lb, the RL72020SS is complete with 30 ft of cable.



Rice Lake Weighing Systems

DOUBLE-ENDED BEAMS

Page 161

RL72020P, STAINLESS STEEL



Ideal for fertilizer, tank and hopper applications, the RL72020P is a painted alloy steel, double-ended beam load cell. Capacities range from 5,000 lb to 250,000 lb and the RL72020P comes with 30 ft of load cell cable.



Page 162

RL72019SS, STAINLESS STEEL



The RL72019SS is 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 163

RL70000, ALLOY STEEL



Double-ended beam with center loading. Designed for truck, tank and hopper applications. Capacities range from 5,000 lb to 250,000 lb. Complete with 30 ft of load cell cable.



Page 164

RL70000, ALLOY STEEL PAINTED



The RL70000 painted alloy steel, double-ended beam load cell is designed for tank and hopper applications. Ideal for fertilizer applications. Available in capacities ranging from 5,000 lb to 250,000 lb and complete with 30 ft of load cell cable.



Page 165

RL70000SS, STAINLESS STEEL



Stainless steel double-ended beam load cell designed for truck, track and process weighing. High accuracy, low profile and tolerances to non-axial loading and redundant seal. Capacities range from 5,000 lb to 150,000 lb. Complete with 30 ft of load cell cable.



Page 166

RL75016, ALLOY STEEL



The RL75016 is an alloy steel double-ended beam load cell with center loading. It is designed for tank and hopper applications. Capacities range from 1,000 lb to 75,000 lb. The load cell comes with 25 feet of load cell cable.



Page 167

RL75016, ALLOY STEEL, PAINTED



The RL75016 painted double-ended beam with center loading is designed for tank and hopper applications. This painted load cell is a version of the RL75016 load cell but with the added protection of a proprietary coating. This coating will protect the load cell element in dry chemical applications that would normally cause standard cells to fail. Capacities range from 1,000 lb to 75,000 lb. Complete with 25 ft of load cell cable.



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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.



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RL75016SS-W, STAINLESS STEEL



A double-ended beam, stainless steel load cell designed for tank and hopper applications. Capacities range from 1,000 lb to 50,000 lb.

Rice Lake Weighing Systems

DOUBLE-ENDED BEAMS

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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 171

RL75058I, ALLOY STEEL



Nickel plated and environmentally sealed with stainless steel side plates. Designed for center link loading and compatibility with the Unilink or similar suspension systems up to 75,000 lb. Capacities range from 10,000 lb to 125,000 lb. Complete with 35 ft of load cell cable. Models with 60 ft or 100 ft of load cell cable are available as well.



Page 172

RL75058I, ALLOY STEEL FOR 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 173

RL75058-LP, ALLOY STEEL



The RL75058-LP high-alloy steel, nickel plated load cell has built-in lightning protection and is available in capacities from 10,000 lb to 125,000 lb. Sealed to IP67, it has a 3 mV output and is cFMus approved and NTEP Certified.



Page 174

RL75058S-LP, STAINLESS STEEL



The RL75058S-LP is 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 175

RL75060S, STAINLESS STEEL



With a welded seal and NTEP Certification to 10,000 divisions, the RL75060S provides the ultimate in durability and accuracy in high-capacity process measurement and control. It is also ideal for vehicle weighing in hostile environments. Capacities range from 20,000 lb to 100,000 lb. Complete with 35 ft of load cell cable.



Page 176

RL75223, ALLOY STEEL



Very 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 with virtually no friction. Compatible with Translink Mounts. Capacities range from 50,000 lb to 100,000 lb. Complete with 40 ft of load cell cable.



Page 177

RLDB50000S-50K, STAINLESS STEEL



The RLD50000S is a 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.



Rice Lake Weighing Systems

DOUBLE-ENDED BEAMS

Page 178

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 179

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. RLCSP1 cells are ideal for applications where optimal precision and durability are needed. Capacities range from 25,000 lb to 200,000 lb. Complete with 35 ft of load cell cable.



Page 180

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 range from 50,000 lb to 200,000 lb. Complete with 35 ft of load cell cable.



Page 181

RLSCA, STAINLESS STEEL



RLSCA load cell is designed to be a replacement for Cardinal® SCA products. It features all stainless steel construction and welded sealing to provide IP67 environmental protection. This package includes a load cell and two retrofit cups that allow the RLSCA to match up with various field applications. Backed by NTEP IIIIL 10M Certification, this unit provides an easy-to-install and easy-to-access alternative to similar products on the market. Available in a 50,000 lb package, the RLSCA includes 30 ft of standard load cell cable.



Page 182

RL70510-30T/RL80453-100,000 LB, STAINLESS STEEL



The RL70510 and RL80453 rocker cells are replacements for the Fairbanks® 70510 and 80453 rocker cells found in many truck scales. They are stainless and hermetically sealed.



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RL75114-50K, STAINLESS STEEL



The RL75114 is a stainless steel hermetically sealed rocker column designed to interchange with the Fairbanks® part number 64166. It has 30 ft of overbraided cable to protect it from abrasion and rodents. NTEP Certified.



COMPRESSION DISK

Page 184

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

COMPRESSION DISK

Page 185

RLPC3 SS, 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 186

RLPC4SS-HE, STAINLESS STEEL



The RLPC4SS-HE is a stainless steel hermetically sealed single- point designed for bench scales used in wash down applications. Capacities from 10 kg to 100 kg and is NTEP Certified and OIML approved.



SINGLE POINTS

Page 187

RLPC6, STAINLESS STEEL



The RLPC6 is a stainless steel, hermetically sealed single -point load cell. Can be used in any application where moisture is a problem. The RLPC6 is NTEP Certified and is provided with 10 ft of cable. Capacity from 10 kg to 200 kg.



Page 188

RLPWM15HE, STAINLESS STEEL



The RLPWM15HE is the latest in a line of hermetically sealed stainless steel single points offered by Rice Lake. The unique sealing techniques employed provide the RLPWM15HE with true hermetic sealing to IP69K. Available in capacities ranging from 10 kg to 100 kg. NTEP Certified and comes complete with 10 ft of load cell cable.



Page 189

RLPWM15, STAINLESS STEEL



The environmentally sealed RLPWM15 replaces HBM®'s PW15 for many bench scale types. This stainless steel model with both NTEP Certification and FM approval comes in a range of capacities from 10 kg to 150 kg. Complete with 10 ft of load cell cable.



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RLPCBC-60, STAINLESS STEEL



The RLPCBC-60 is a stainless steel, hermetically sealed, single- point load cell. Can be used in applications where moisture is a problem. It is NTEP Certified and comes complete with 10 ft of load cell cable. Capacity ranges are 50 kg to 1,000 kg.



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RL1521A, ALUMINUM



The RL1521A is a very low-profile single-point load cell designed for electronic bench scales and platform scales where only one load cell is used. Intended as a replacement for the VPG® BLH and NMB® C2G1, capacities range from 3 kg to 35 kg.



Page 192

RL1010, ALUMINUM



Off-center loading load cell designed for direct mounting of the weighing platform and simplifying construction of platform scales. Long-term stability and durability are maintained. Load cells with potted cavities are available for improved performance in damp environments. Potted models in capacities ranging from 7 kg to 90 kg with 10 ft of load cell cable; unpotted models in capacities of 3 kg and 5 kg with 3 ft of load cell cable. NTEP Certified from 10 kg to 50 kg.



Rice Lake Weighing Systems

SINGLE POINTS

Page 193

RLSP4, ALUMINUM



The RLSP4 is a low-profile, off-center load cell designed for use in retail, postal and platform scale applications. This high accuracy single point is manufactured from aluminum, and is moment compensated for optimal accuracy. The product is protected by a quality gauge coating compound that provides a barrier against high humidity environments. This product is available in capacities ranging from 5 kg to 100 kg, and comes standard with 10 ft of load cell cable.



Page 194

RLPWM12, ALUMINUM



The RLPWM12 is ideal for platform, hanging scales and other low-capacity beam applications. An aluminum, single point load cell with capacities ranging from 50 kg to 1,000 kg, this load cell is NTEP Certified. Complete with 10 ft of load cell cable.



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RLPWM16, ALUMINUM



A single point, aluminum load cell with capacities ranging from 50 kg to 635 kg, this load cell has a potted cavity and offers excellent performance in damp environments. Complete with 10 ft of load cell cable.



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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 capacities ranging from 1 kg to 100 kg. Complete with 10 ft of load cell cable.



Page 197

RL1040, ALUMINUM



Low-profile, off-center loading load cell. Designed for direct mounting of a weighing platform, hanging scales and other low-capacity beam applications. Long-term stability and durability are maintained. 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.



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RL1140, STAINLESS STEEL



This single-point cell is constructed of stainless steel. The RL1140 is 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 199

RL1380, STAINLESS STEEL



This single-point cell is constructed of stainless steel, and is designed for high performance in moist environments. These features provide an excellent option when stainless steel is required for an application. The RL1380 is available in capacities ranging from 7 kg to 60 kg. Complete with 10 ft of load cell cable.



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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 and a unique 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.

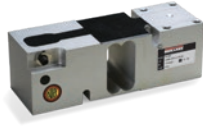


Rice Lake Weighing Systems

SINGLE POINTS

Page 201

RL1260, ALUMINUM



High-capacity, off-center loading aluminum load cell. This model is of the two-beam design, and is specially coated to assure durability in harsh environments. Capacities range from 50 kg to 635 kg. Complete with 10 ft of load cell cable.



Page 202

RL260FD, STAINLESS STEEL



The RL260FD is a Rice Lake fluid dampened load cell. The stainless steel housing and standard breather tube provides excellent protection in most applications. It is available from 2 kg to 50 kg capacities. This load cell is NTEP Certified and FM approved.



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RL26018A, ALUMINUM



The Rice Lake RL26018A aluminum, single -point load cell is ideal for bench scales and comes in capacities from 50 kg to 635 kg. It is NTEP and FM approved and is environmentally sealed to IP67. Complete with 10 ft of cable.



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RL1250, ALUMINUM



High-capacity, off-center loading load cell accurately weighs loads from 50 kg to 1,000 kg. Long-term stability and durability are maintained. These load cells with potted cavities offer excellent performance in damp environments.



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RL1218A, ALUMINUM



The Rice Lake RL1218A aluminum, single -point load cell is a high-capacity, off-center loading load cell. It weighs loads from 50 kg to 1,000 kg. These load cells, with potted cavities, offer excellent performance in damp environments.



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RL42018A, ALUMINUM



Rice Lake's RL42018A is an aluminum, IP66 single- point load cell. The RL42018A is available in capacities ranging from 3 kg to 100 kg and has NTEP Certified and FM approvals. 10 ft of cable is included.



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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 capacities 50 lb and 75 lb.

PLANAR BEAMS

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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.

Rice Lake Weighing Systems

TENSION LINK

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RL2010 TENSION LINK



The RL2010 tension link load cell ranges in capacities 5,000 lb to 500,000 lb. This proves to be the perfect choice for those unique tension applications. It is constructed of stainless steel for years of trouble-free service.

MSI

Page 210

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.

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MSI LOAD PIN QUESTIONNAIRE

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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.

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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 for accommodating most common wire ropes, 0.375-0.500 inch and 0.5625-0.75 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 shut offs based on unsafe load conditions.

S-BEAM

RL20000I

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



APPROVALS



Interchangeable Products

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

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS
ITCM Isolated Tension Cell Mountpage 44

Dimensions

Picture is a representation of actual product

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

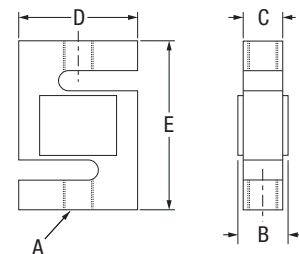
Order Information

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

*PN 31533 and PN 31534 must be installed together to form the Conduit Adapter Kit
 ***These load cells have 30ft or 35ft of cable and trimmed outputs and are used in many batch plants

Specifications

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



Interchangeable Products

VPG® REVERE

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ARTECH®

SS2010 —

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

ITCM Isolated Tension Cell

Mount page 44

Specifications

Full Scale Output:

3.0 (± 0.008) mV/V

Output Resistance:

350 (± 3.5) ohm

Input Resistance:

390 (± 15) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated range

14°F to 104°F (-10°C to 40°C)

Operating range

0°F to 150°F (-18°C to 65°C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Combined Error:

0.03% full scale

Insulation Resistance:

5,000 megohms

Cable Length:

20 ft

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited warranty

Approvals:

cFMus

NTEP

APPROVALS



Dimensions

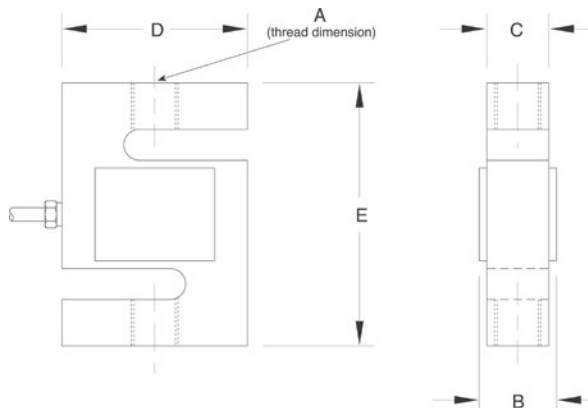
Picture is a representation of actual product

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

Order Information

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

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



RL20000ST

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



APPROVALS



Specifications

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

Dimensions

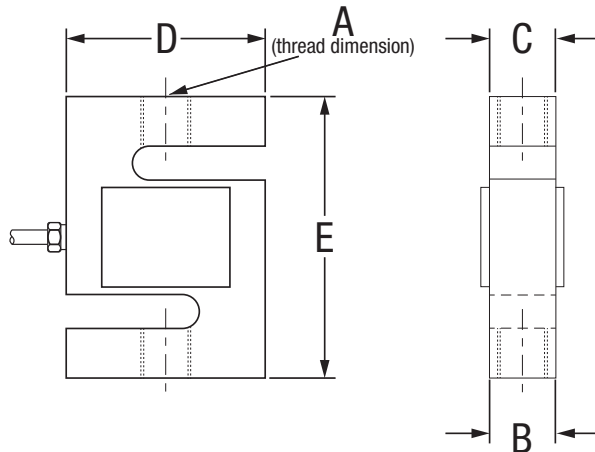
Picture is a representation of actual product

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

Order Information

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

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



- Safe Overload:**
150% full scale
- Rated Excitation:**
5-10 VDC (15 V maximum)
- Combined Error:**
0.03% full scale
- Insulation Resistance:**
5,000 megohms
- Cable Length:**
20 ft
- Cable Diameter:**
0.190 in polyurethane jacket
- Cable Color Code:**
Red +Excitation
Black -Excitation
Green +Signal
White -Signal
- Warranty:**
Two-year limited warranty
- Approvals:**
cFMus
NTEP

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

Interchangeable Products

VPG® CELTRON

STC..... page 224

VPG® SENSORTRONICS®

60001.....page 311

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

ITCM

Isolated Tension Cell

Mount.....page 44

APPROVALS



Picture is a representation of actual product

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

350 (± 3) ohm

Input Resistance:

385 (± 5) ohm

Material/Finish:

High-alloy steel, nickel plated

Temperature:

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

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5-10 VAC/DC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohms

Cable Length:

20 ft

Cable Diameter:

0.200 in polyurethane jacket

Cable Color Code:

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

Warranty:

Two-year limited warranty

Approvals:

cFMus
NTEP

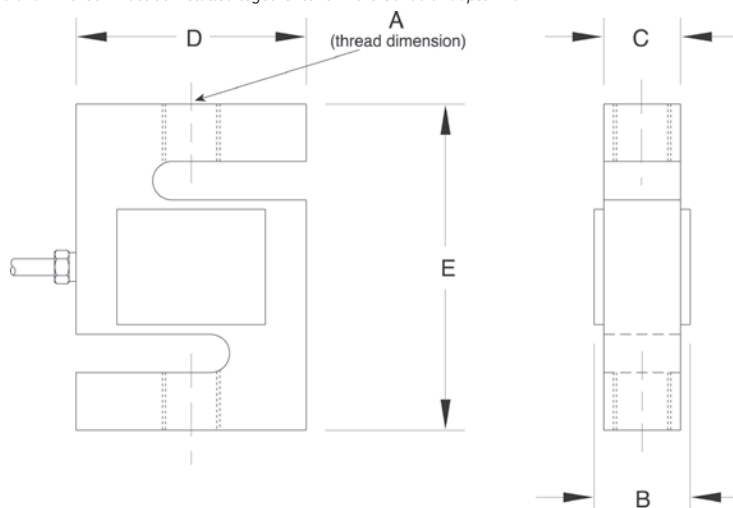
Dimensions

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

Order Information

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

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



S-BEAM

RL20001HE

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



APPROVALS



Interchangeable Products

VPG® SENSORTRONICS®
60063 page 313

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS
ITCM HE Isolated Tension Cell Mount..... page 48

Specifications

Full Scale Output:
2.0 mV/V

Bridge Resistance:
350 ohm, nominal

Material/Finish:
Stainless steel

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

Seal Type:
Welded-seal, IP68

Safe Overload:
150% full scale

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

Combined Error:
0.02% full scale

Insulation Resistance:
5,000 megohms

Cable Length:
20 ft

Cable Diameter:
0.200 in polyurethane jacket

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

Warranty:
Two-year limited warranty

Approvals:
cFMus
NTEP

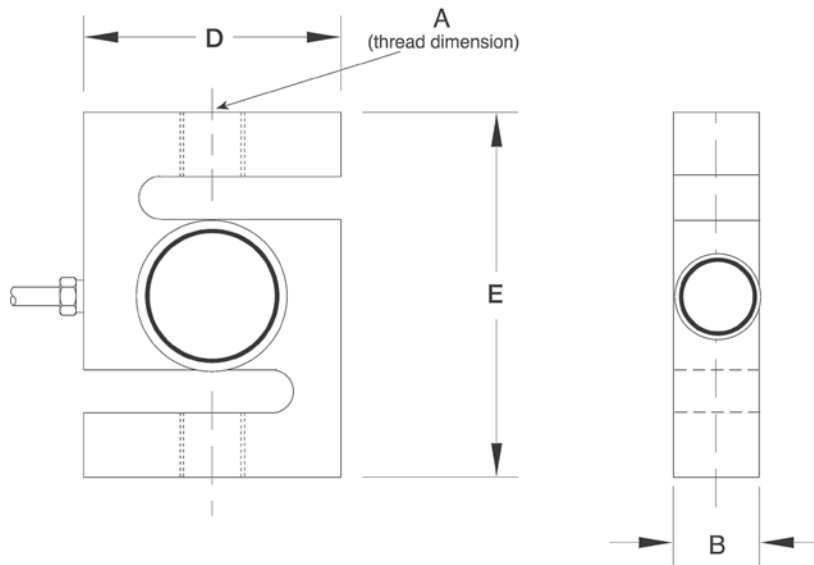
Dimensions

Picture is a representation of actual product

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

Order Information

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



Specifications

Full Scale Output:
3.0 mV/V ±0.25%

Bridge Resistance:
350 ohm, nominal

Material/Finish:
Alloy steel

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

Seal Type:
Environmentally sealed, IP67

Safe Overload:
150% full scale

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

Combined Error:
0.02% full scale

Insulation Resistance:
5,000 megohms

Cable Length:
6 m

Cable Diameter:
0.200 in polyurethane jacket

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

Warranty:
Two-year limited warranty

Approvals:
cFMus
OIML

APPROVALS



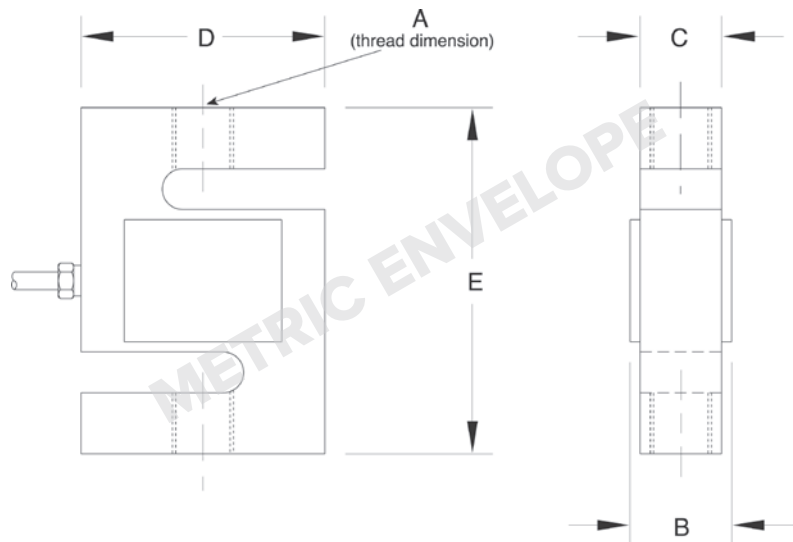
Dimensions

Picture is a representation of actual product

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

Order Information

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



SINGLE-ENDED BEAM RL32018

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



APPROVALS



Interchangeable Products

- VPG® SENSORTRONICS®
65023A..... page 317
- VPG® CELTRON
SQB.....page 227

Weigh Module Available

- RICE LAKE WEIGHING SYSTEMS
RL50210TA..... page 50
- RICE LAKE WEIGHING SYSTEMS
RL1800 Series..... page 62

Dimensions

Picture is a representation of actual product

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

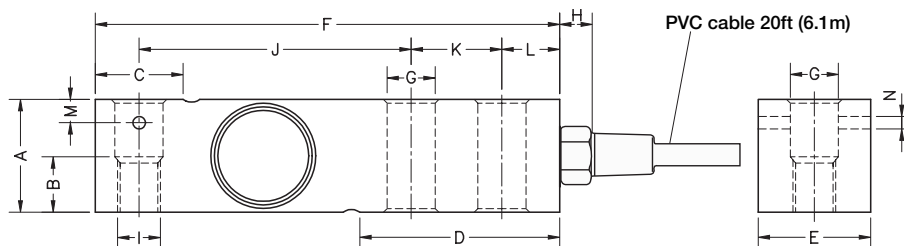
Call Rice Lake for additional information

Order Information

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

SE=small envelope; LE=large envelope

* Pending NTEP



Specifications

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

Output Resistance:
350 (± 3) ohm

Input Resistance:
400 (± 20) ohm

Material/Finish:
Alloy steel, nickel plated

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

Seal Type:
Environmentally sealed, IP66

Safe Overload:
150% full scale

Safe Sideload:
100% full scale

Rated Excitation:
10 VDC (15 V maximum)

Combined Error:
0.017% full scale

Insulation Resistance:
>5,000 megohms

Deflection:
0.2-0.4 mm

Cable Length:
20 ft

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

Warranty:
Two-year limited warranty

Approvals:
cFMus
NTEP

NEW

SINGLE-ENDED BEAM

RL32018 Painted

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

Interchangeable Products

- VPG® SENSORTRONICS®
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- VPG® CELTRON
SQB.....page 227

Weigh Module Available

- RICE LAKE WEIGHING SYSTEMS
RL50210TA..... page 50
- RICE LAKE WEIGHING SYSTEMS
RL1800 Series..... page 62



APPROVALS



Specifications

- Full Scale Output:**
3.0 mV/V ±0.05% current matched
- Output Resistance:**
350 (± 3) ohm
- Input Resistance:**
400 (± 20) ohm
- Material/Finish:**
Alloy steel, nickel plated, painted
- Temperature:**
Compensated range
-14° F to 104° F (-10° C to 40° C)
Operating range
0° F to 150° F (-18° C to 65° C)

Seal Type:
Environmentally sealed, IP66

Safe Overload:
150% full scale

Safe Sideload:
100% full scale

Rated Excitation:
10 VDC (15 V maximum)

Combined Error:
0.017% full scale

Insulation Resistance:
>5,000 megohms

Deflection:
0.2-0.4 mm

Cable Length:
20 ft

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

Warranty:
Two-year limited warranty

Approvals:
cFMus
NTEP

Dimensions

Picture is a representation of actual product

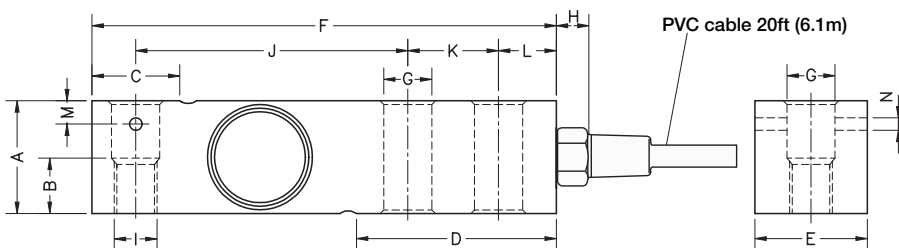
Rated Capacity	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1,000-5,000 SE	1.24	0.59	0.96	2.20	1.24	5.12	0.53	0.70	1/2-20 UNF	3.00	1.00	0.62	0.25	0.13
5,000 LE-10,000	1.50	-	1.45	2.99	1.50	6.75	0.80	0.70	3/4-16 UNF	3.75	1.50	0.75	-	-
15,000-20,000	2.00	-	-	4.00	2.00	8.75	1.06	-	1-14 UNS	4.90	2.00	1.00	-	-

Call Rice Lake for additional information

Order Information

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

SE=small envelope; LE=large envelope



RICE LAKE WEIGHING SYSTEMS

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

RICE LAKE

SINGLE-ENDED BEAM RL32018S

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



APPROVALS



Picture is a representation of actual product

Dimensions

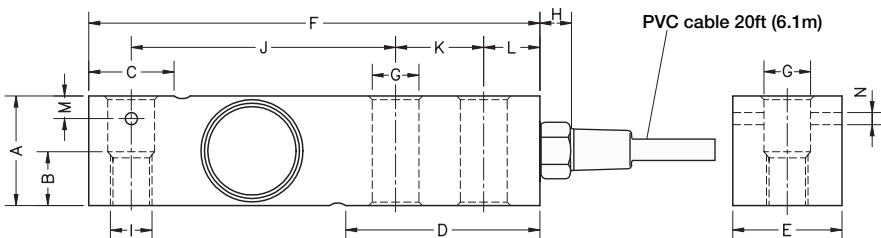
Rated Capacity	A	B	C	D	E	F	G	H	I	J	K	L	M	N
250-500	1.00	0.59	0.96	2.20	1.24	5.12	0.53	0.70	1/2-20 UNF	3.00	1.00	0.62	0.25	0.13
1,000-5,000 SE	1.24	0.59	0.96	2.20	1.24	5.12	0.53	0.70	1/2-20 UNF	3.00	1.00	0.62	0.25	0.13
5,000 LE-10,000	1.50	-	1.45	2.99	1.50	6.75	0.80	0.70	3/4-16 UNF	3.75	1.50	0.75	-	-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

Call Rice Lake for additional information

Order Information

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

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



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS	
RL35023S	page 148
VPG® SENSORTRONICS®	
65023S	page 319
VPG® SENSORTRONICS®	
65023SS	page 318
VPG® CELTRON	
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Weigh Module Available

RICE LAKE WEIGHING SYSTEMS	
RL50210TA	page 50
RICE LAKE WEIGHING SYSTEMS	
RL1800 Series	page 62

Specifications

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

Output Resistance:
350 (± 3) ohm

Input Resistance:
400 (± 20) ohm

Material/Finish:
Stainless steel

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

Seal Type:
Environmentally sealed, IP66

Safe Overload:
150% full scale

Rated Excitation:
10 VDC (15 V maximum)

Combined Error:
0.017% full scale

Insulation Resistance:
>5,000 megohms

Deflection:
0.2-0.4 mm

Cable Length:
20 ft

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

Warranty:
Two-year limited warranty

Approvals:
cFMus
NTEP

Interchangeable Products

- RICE LAKE WEIGHING SYSTEMS
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 VPG® SENSORTRONICS®
65083..... page 320
 VPG® CELTRON
SQB-HSS..... page 228

Weigh Module Available

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RL1800 Series..... page 62



APPROVALS



Specifications

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

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

- Seal Type:**
 Hermetically sealed, IP69K

- Safe Overload:**
 150% full scale

- Safe Sideload:**
 100% full scale

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

- Combined Error:**
 0.017% full scale

- Insulation Resistance:**
 >5,000 megohms

- Deflection:**
 0.2-0.4 mm

- Cable Length:**
 20 ft PTFE cable

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

- Warranty:**
 Two-year limited warranty

- Approvals:**
 cFMus

Dimensions

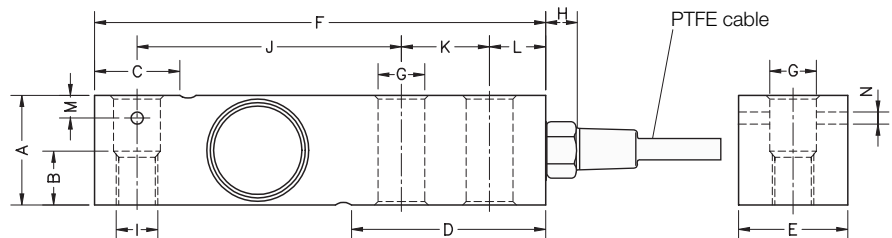
Picture is a representation of actual product

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

Order Information

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

SE=small envelope; LE=large envelope



SINGLE-ENDED BEAM

RL32018S-HE

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



APPROVALS



Interchangeable Products

- RICE LAKE WEIGHING SYSTEMS
- RL32018S-P (non-NTEP)** . page 137
- VPG® SENSORTRONICS®
- 65083**..... page 320
- VPG® CELTRON
- SQB-HSS**..... page 228

Weigh Module Available

- RICE LAKE WEIGHING SYSTEMS
- RL1800 Series**..... page 62

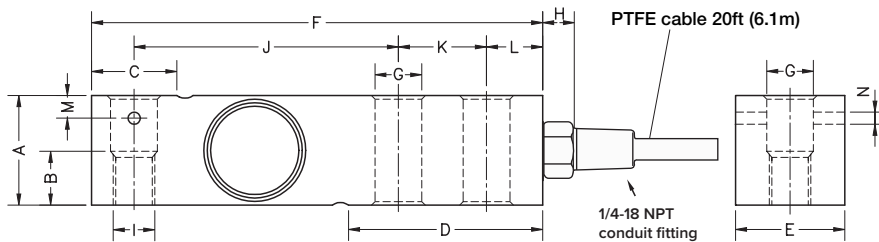
Dimensions

Picture is a representation of actual product

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

Order Information

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



Specifications

- Full Scale Output:**
3.0 mV/V ±0.05% current matched
- Output Resistance:**
350 (± 3) ohm
- Input Resistance:**
400 (± 20) ohm
- Material/Finish:**
Stainless steel
- Temperature:**
Compensated range
14° F to 104° F (-10° C to 40° C)
Operating range
0° F to 200° F (-18° C to 93° C)
- Seal Type:**
Hermetically sealed, IP69K
- Safe Overload:**
150% full scale
- Safe Sideload:**
100% full scale
- Rated Excitation:**
5-10 VDC (15 V maximum)
- Combined Error:**
0.017% full scale
- Insulation Resistance:**
>5,000 megohms
- Cable Length:**
20 ft PTFE cable
- Cable Color Code:**
Red +Excitation
Black -Excitation
Green +Signal
White -Signal
- Warranty:**
Two-year limited warranty
- Approvals:**
cFMus
NTEP

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

Interchangeable Products

- RICE LAKE WEIGHING SYSTEMS
RL35082..... —
- VPG® SENSORTRONICS®
65083S (20 ft cable) page 321



APPROVALS



Specifications

- Full Scale Output:**
2.0 mV/V ±0.05% current matched
- Output Resistance:**
350 (± 3) ohm
- Input Resistance:**
400 (± 20) ohm
- Material/Finish:**
Stainless steel
- Temperature:**
Compensated range
14° F to 104° F (-10° C to 40° C)
Operating range
0° F to 200° F (-18° C to 93° C)
- Seal Type:**
Hermetically sealed, IP69K
- Safe Overload:**
150% full scale
- Rated Excitation:**
5-10 VDC (15 V maximum)
- Combined Error:**
0.017% full scale
- Insulation Resistance:**
>5,000 megohms

Deflection:
0.2-0.4 mm

Cable Length:
30 ft PTFE cable

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

Warranty:
Two-year limited warranty

Approvals:
cFMus
NTEP

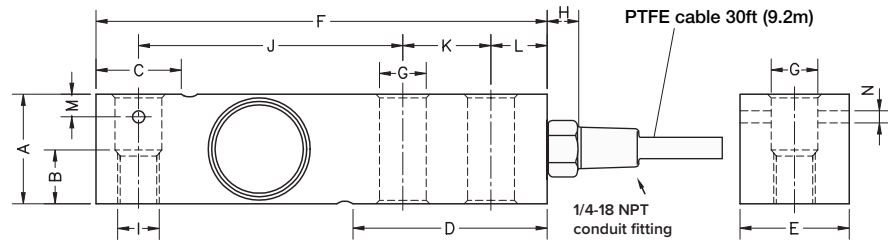
Dimensions

Picture is a representation of actual product

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

Order Information

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



RL32218S-HE

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



APPROVALS



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS
RL35082..... —
 VPG® SENSORTRONICS®
65083S..... page 321

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS
RL50210TA..... page 50
 RICE LAKE WEIGHING SYSTEMS
RL1800 Series..... page 62

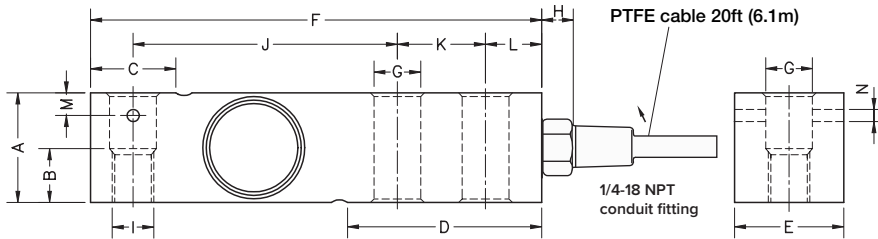
Dimensions

Picture is a representation of actual product

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

Order Information

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



Specifications

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

Output Resistance:
 350 (± 3) ohm

Input Resistance:
 400 (± 20) ohm

Material/Finish:
 Stainless steel

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

Seal Type:
 Hermetically sealed, IP69K

Safe Overload:
 150% full scale

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

Combined Error:
 0.017% full scale

Insulation Resistance:
 >5,000 megohms

Cable Length:
 20 ft PTFE cable

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

Warranty:
 Two-year limited warranty

Approvals:
 cFMus
 NTEP

Stainless Steel, Hermetically Sealed, NTEP Certified 1:4,000S/1:5,000M, OIML C3, IP68/IP69K

Interchangeable Products

RICE LAKE WEIGHING SYSTEMS
RLHBB.....—
 VPG® TEDEA®
355..... page 345

APPROVALS



Specifications

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

Output Resistance:
 350 (± 3) ohm

Input Resistance:
 400 (± 20) ohm

Material/Finish:
 Stainless steel

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

Seal Type:
 Hermetically sealed, IP68/IP69K

Safe Overload:
 150% full scale

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

Combined Error:
 0.017% full scale

Insulation Resistance:
 >5,000 megohms

Deflection:
 0.2-0.4 mm

Cable Length:
 3 m

Cable Material:
 PVC

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

Warranty:
 Two-year limited warranty

Approvals:
 cFMus
 NTEP
 OIML

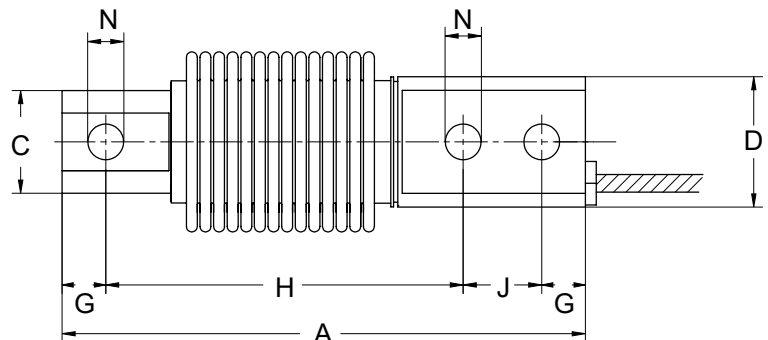
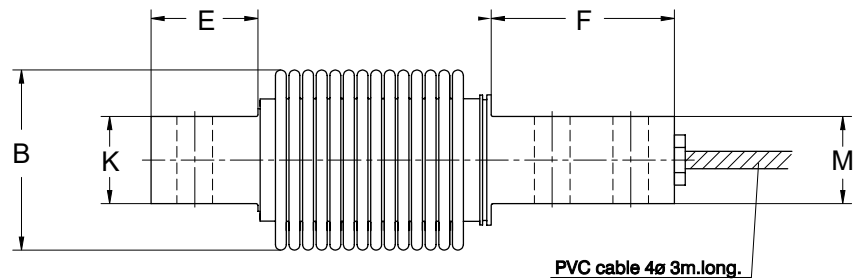
Dimensions

Picture is a representation of actual product

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

Order Information

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



SINGLE-ENDED BEAM RL30000I

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



APPROVALS



Interchangeable Products

VPG® REVERE	
5123	page 282
VPG® TEDEA-HUNTLEIGH	
3411	page 342
ARTECH®	
30310	—

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS	
RL50210TA	page 50
RICE LAKE WEIGHING SYSTEMS	
RL1800 Series	page 62

Dimensions

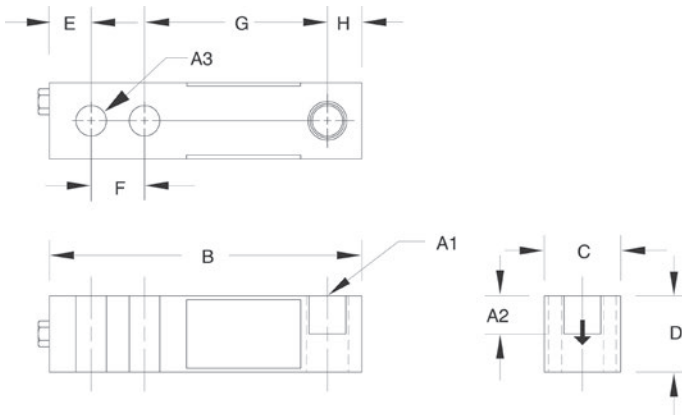
Picture is a representation of actual product

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

Order Information

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

SE=small envelope; LE=large envelope



Specifications

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

RL30002 Thru Hole

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

Interchangeable Products

VPG® TEDEA-HUNTLEIGH

3410.....—

ARTECH®

30210.....—

Specifications

Full Scale Output:

3.0 mV/V

Bridge Resistance:

350 ohm, nominal

Material/Finish:

High-alloy steel, nickel plated

Temperature:

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

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohms

Deflection at Capacity:

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

Cable Length:

20 ft

Cable Diameter:

0.200 in polyurethane jacket

Cable Color Code:

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

Warranty:

Two-year limited warranty

Approvals:

cFMus
NTEP

APPROVALS



Dimensions

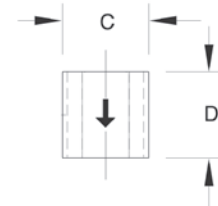
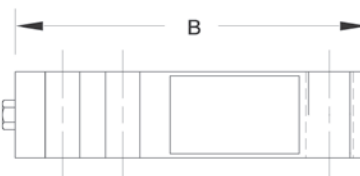
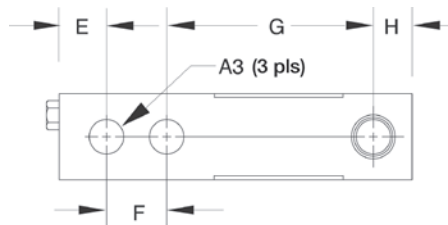
Picture is a representation of actual product

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

Order Information

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

SE=small envelope



RLH35

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

**DISCONTINUED
LIMITED STOCK
AVAILABLE**



APPROVALS



Interchangeable Products

HBM®	
H35	page 260
METTLER TOLEDO®	
500 lb-8 ft cable	—
TB601019-008	
1,000 lb-20 ft cable	—
TB601016-020	
2,500 lb-8 ft cable	—
TB601016-008	

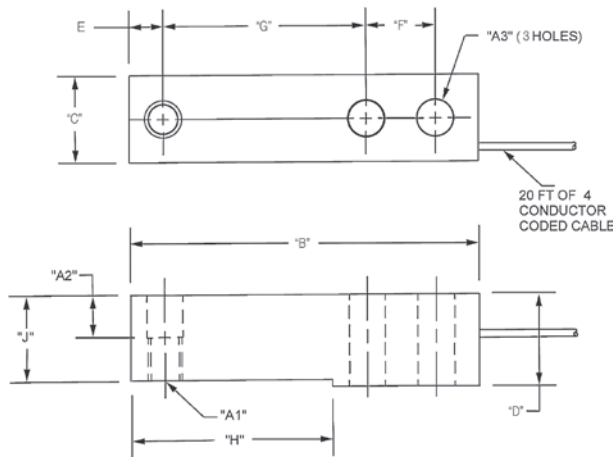
Dimensions

Picture is a representation of actual product

Rated Capacity	A1	A2	A3	C	D	B	E	F	G	H	J
lb/in											
500-5,000	1/2-20 UNF	0.62	0.53	1.21	1.19	5.12	0.50	1.00	3.00	2.85	1.120

Order Information

Load Rating	Part #	Est. Weight	Price
500 lb	106038	4 lb	\$371.00
5,000 lb	106042	4 lb	\$350.00



Specifications

- Full Scale Output:**
3.0 mV/V
- Output Resistance:**
350 ohm, nominal
- Input Resistance:**
385 ohm, nominal
- Material/Finish:**
Stainless steel
- Temperature:**
Compensated range:
14° F to 104° F (-10° C to 40° C)
Operating range:
0° F to 150° F (-18° C to 65° C)
- Seal Type:**
Welded-seal, IP67
- Safe Overload:**
150% full scale
- Rated Excitation:**
5-10 VDC (15 V maximum)
- Combined Error:**
0.02% full scale
- Insulation Resistance:**
5,000 megohms
- 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 warranty
- Approvals:**
FM
NTEP

Interchangeable Products

- VPG® REVERE
9123..... page 283
- ARTECH®
SS30310..... —

Weigh Module Available

- RICE LAKE WEIGHING SYSTEMS
RL50210TA..... page 50
- RICE LAKE WEIGHING SYSTEMS
RL1800 Series..... page 62



APPROVALS



Dimensions

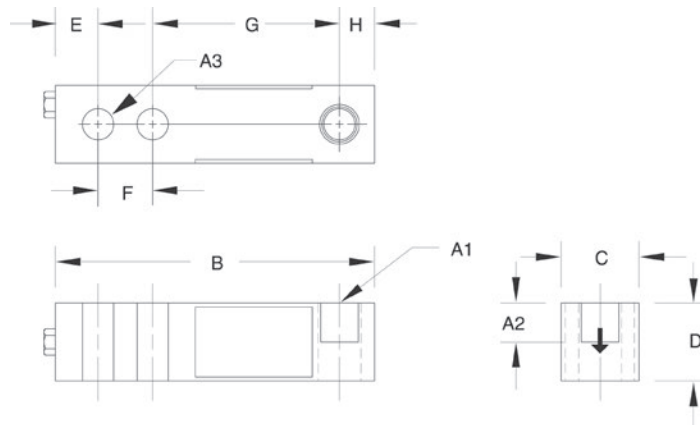
Picture is a representation of actual product

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

Order Information

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

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



Specifications

- Full Scale Output:**
3.0 mV/V
- Output Resistance:**
349-355 ohm
- Input Resistance:**
343-357 ohm
- Material/Finish:**
Stainless steel
- Temperature:**
Operating range:
0° F to 150° F (-18° C to 65° C)
- Seal Type:**
Environmentally sealed, IP67
- Safe Overload:**
150% full scale
- Safe Sideload:**
100% full scale
- Rated Excitation:**
5-10 VDC (15 V maximum)
- Nonlinearity:**
0.03% full scale
- Hysteresis:**
0.02% full scale

Insulation Resistance:
5,000 megohms

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

Cable Length:
20 ft
30 ft

Cable Diameter:
0.200 in polyurethane jacket

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

Warranty:
Two-year limited warranty

Approvals:
cFMus

RL32018S-T

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



APPROVALS



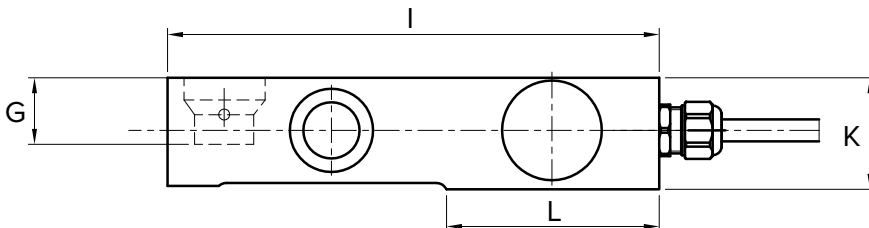
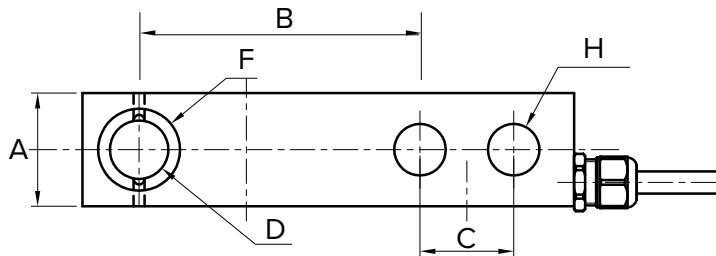
Dimensions

Picture is a representation of actual product

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

Order Information

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



Interchangeable Products

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

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS	RLTM.....	page 68
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Specifications

Full Scale Output:

2.0 mV/V ±0.05% current matched

Output Resistance:

350 (± 3) ohm

Input Resistance:

400 (± 20) ohm

Material/Finish:

Stainless steel

Temperature:

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

Seal Type:

Hermetically sealed, IP69K

Safe Overload:

150% full scale

Rated Excitation:

5-10 VDC

Combined Error:

0.017% full scale

Insulation Resistance:

5,000 megohms

Cable Length:

15 ft
30 ft

Cable Color Code:

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

Warranty:

Two-year limited warranty

Approvals:

cFMus
NTEP

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

**DISCONTINUED
 LIMITED STOCK
 AVAILABLE**

Interchangeable Products

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

Weigh Module Available

- RICE LAKE WEIGHING SYSTEMS
RLTM..... page 68

APPROVALS



Picture is a representation of actual product

Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	I	K	L
lb/in											
500-2,500	1.20	3.00	1.00	0.63	0.68	0.88	0.19	0.50	5.25	1.22	2.27
5,000	1.46	3.00	1.00	0.63	0.92	0.88	0.38	0.50	5.38	1.40	2.28
10,000	1.68	3.75	1.50	0.88	1.06	1.38	0.44	0.75	6.87	1.68	3.03

Specifications

- Full Scale Output:**
 2.0 mV/V, ±0.002 mV/V
- Bridge Resistance:**
 350 ohm, nominal
- Material/Finish:**
 Stainless steel
- Temperature:**
 Compensated range
 14°F to 104°F (-10°C to 40°C)
 Operating range
 0° F to 150° F (-18° C to 65° C)

- Seal Type:**
 Welded-seal, IP67
- Safe Overload:**
 150% full scale
- Safe Sideload:**
 100% full scale
- Rated Excitation:**
 5-10 VDC (15 V maximum)
- Combined Error:**
 0.03%

- Non-repeatability:**
 0.01% full scale
- Insulation Resistance:**
 5,000 megohms
- Cable Length:**
 30 ft
- Cable Diameter:**
 0.190 in polyurethane jacket
- Deflection at Capacity:**
 500-2,500 lb=0.010 in
 5,000-10,000 lb=0.012 in

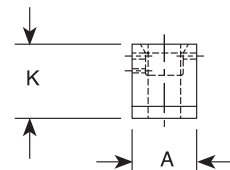
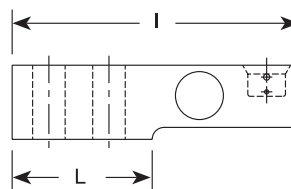
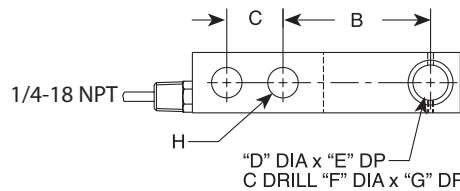
- Cable Color Code:**
 Green +Excitation
 Black -Excitation
 White +Signal
 Red -Signal
 Yellow Shield

- Warranty:**
 Two-year limited warranty

- Approvals:**
 FM
 NTEP

Order Information

Load Rating	Part #	Est. Weight	Price
30 ft Cables			
500 lb	76213	3 lb	\$525.00
10,000 lb	45466	6 lb	\$790.00
Replacement load pins			
Rocker pin	108612	1 lb	\$85.00
Rocker pin	130408	1 lb	\$90.00
Rocker pin	131376	1 lb	\$130.00
O-ring (Two per pin)	108202	1 lb	\$1.00



SINGLE-ENDED BEAM

RL35023S Painted

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



APPROVALS



Interchangeable Products

- VPG® SENSORTRONICS®
65023S* page 319
- VPG® SENSORTRONICS
65023SS* page 318
- VPG® CELTRON
SQB-HSS* page 228

Weigh Module Available

- RICE LAKE WEIGHING SYSTEMS
RL50210TA..... page 50
- RICE LAKE WEIGHING SYSTEMS
RL1800 Series..... page 62

*Cells are unpainted

Dimensions

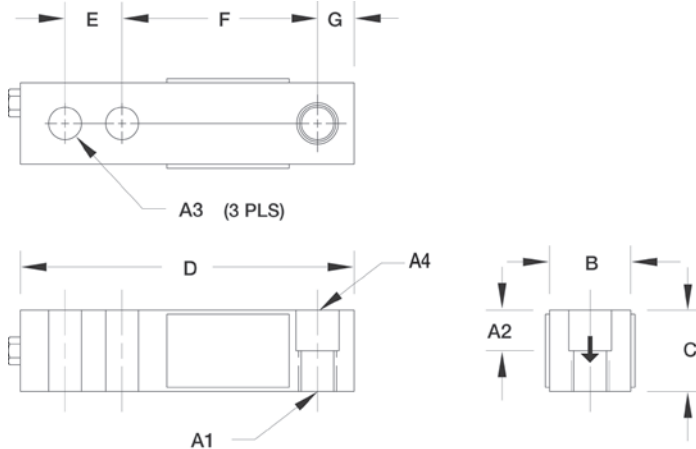
Picture is a representation of actual product

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

Order Information

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

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



Specifications

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

Specifications

Full Scale Output:
3.0 mV/V

Output Resistance:
349-355 ohm

Input Resistance:
343-357 ohm

Material/Finish:
Alloy steel

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

Seal Type:
Environmentally sealed, IP67

Safe Overload:
150% full scale

Safe Sideload:
100% full scale

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

Combined Error:
0.03% full scale

Insulation Resistance:
5,000 megohms

Cable Length:
6 m

Cable Diameter:
0.200 in polyurethane jacket

Cable Color Code:

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

Warranty:
Two-year limited warranty

Approvals:
cFMus
OIML

**DISCONTINUED
LIMITED STOCK
AVAILABLE**

APPROVALS



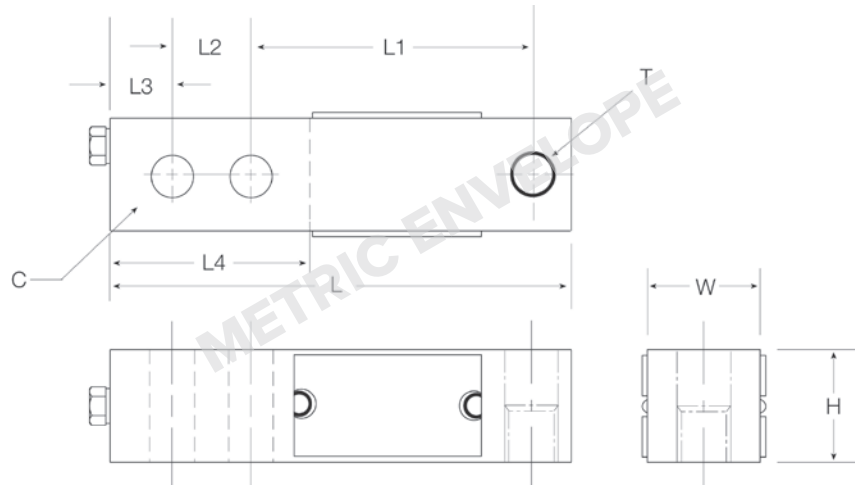
Dimensions

Picture is a representation of actual product

Rated Capacity	C	H	L	L1	L2	L3	L4	W	T
kg/mm									
1,000-2,000	57.00	32.00	130.00	76.00	25.00	16.00	13.00	32.00	M12 × 1.75-6H
5,000	76.00	38.00	171.00	95.00	38.00	19.00	20.70	38.00	M20 × 1.5-6H

Order Information

Load Rating	Part #	Est. Weight	Price
1,000 kg	31248	3 lb	\$344.00
2,000 kg	31247	3 lb	\$344.00
5,000 kg	31246	5 lb	\$429.00



RLHTO

Stainless Steel, Hermetically Sealed, IP66/68



APPROVALS



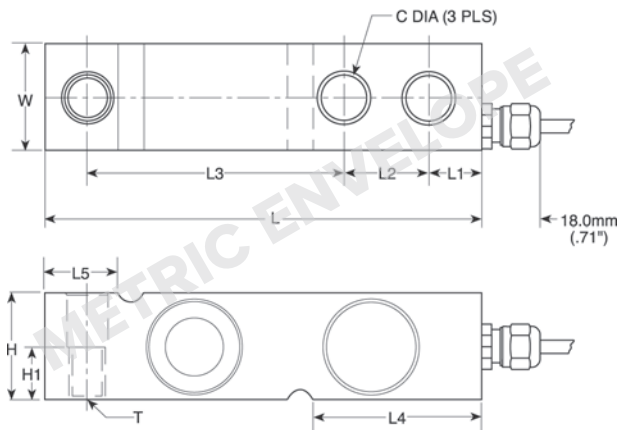
Dimensions

Picture is a representation of actual product

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

Order Information

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



Interchangeable Products

VPG® TEDEA-HUNTLEIGH
3510-OIMLpage 344

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS
1700 HEpage 34

Specifications

Full Scale Output:
2.0 mV/V

Output Resistance:
350 (± 3) ohm

Input Resistance:
380 (± 10) ohm

Material/Finish:
Stainless steel

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

Seal Type:
Hermetically sealed, IP66/68

Safe Overload:
150% full scale

Safe Sideload:
100% full scale

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

Combined Error:
0.02% Applied Load

Insulation Resistance:
2,000 megohms

Deflection at Capacity:
0.4 mm

Cable Length:
5 m

Cable Diameter:
0.220 in polyurethane jacket

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

Warranty:
Two-year limited warranty

Approvals:
cFMus
Waterproof

Interchangeable Products

VPG® REVERE

SSB..... page 290

HBM®

SB3..... —

ARTECH®

SS30610..... —

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL1900 Series..... page 66

APPROVALS



Specifications

Full Scale Output:
2.0 mV/V

Bridge Resistance:
350 ohm, nominal

Material/Finish:
Stainless steel

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

Seal Type:
Welded-seal, IP67

Safe Overload:
150% full scale

Safe Sideload:
100% full scale

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

Combined Error:
0.02% full scale

Non-repeatability:
0.01% full scale

Insulation Resistance:
5,000 megohms

Cable Length:
15 ft

Cable Diameter:
0.200 in polyurethane jacket

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

Warranty:
Two-year limited warranty

Approvals:
cFMus
NTEP

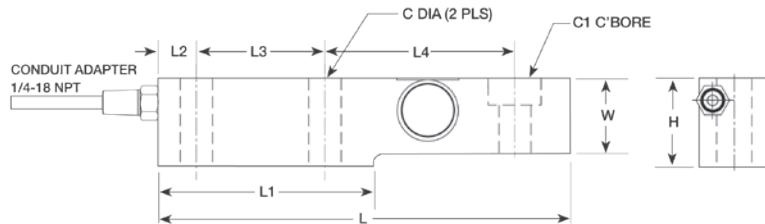
Dimensions

Picture is a representation of actual product

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

Order Information

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



SINGLE-ENDED BEAM

RLSB250/RLSB250T

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



APPROVALS



Interchangeable Products

CARDINAL®
SB2500* —
 *No threads in load hole

Specifications

Full Scale Output:
2.0 mV/V

Bridge Resistance:
350 ohm, nominal

Material/Finish:
Stainless steel

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

Seal Type:
Welded-seal, IP67

Safe Overload:
150% full scale

Safe Sideload:
100% full scale

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

Combined Error:
0.02% full scale

Non-repeatability:
0.01% full scale

Insulation Resistance:
5,000 megohms

Cable Length:
20 ft
15 ft - pn 34482

Cable Diameter:
0.200 in polyurethane jacket

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

Warranty:
Two-year limited warranty

Approvals:
 cFMus
 NTEP

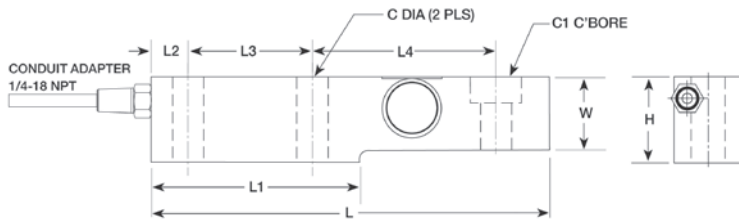
Dimensions

Picture is a representation of actual product

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

Order Information

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



SINGLE-ENDED BEAM
RL50219SS

Stainless Steel, Environmentally Sealed, IP67

Interchangeable Products

- RICE LAKE WEIGHING SYSTEMS
RL60040SST page 155
- RICE LAKE WEIGHING SYSTEMS
RL50210 (alloy) page 154

Weigh Module Available

- RICE LAKE WEIGHING SYSTEMS
RL50219SS-TA page 54



Specifications

- Full Scale Output:**
3.0 mV/V
- Output Resistance:**
350 (± 3) ohm
- Input Resistance:**
380-450 ohm
- Material/Finish:**
Stainless steel
- Temperature:**
Operating range
0° F to 150° F (-18° C to 65° C)
- Seal Type:**
Environmentally sealed, IP67
- Safe Overload:**
150% full scale
- Rated Excitation:**
5-10 VDC
- Nonlinearity:**
0.03% full scale
- Hysteresis:**
0.02% full scale
- Combined Error:**
0.017% full scale
- Insulation Resistance:**
5,000 megohms
- Cable Length:**
20 ft
- Cable Color Code:**
Red +Excitation
Black -Excitation
Green +Signal
White -Signal
- Warranty:**
Two-year limited warranty

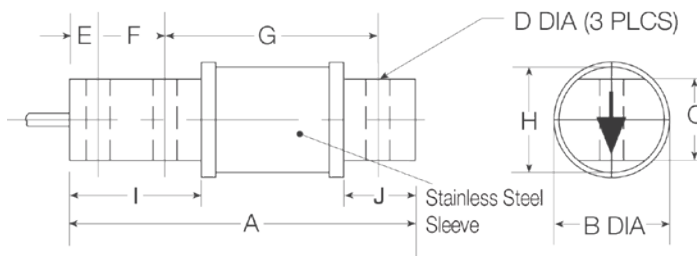
Dimensions

Picture is a representation of actual product

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

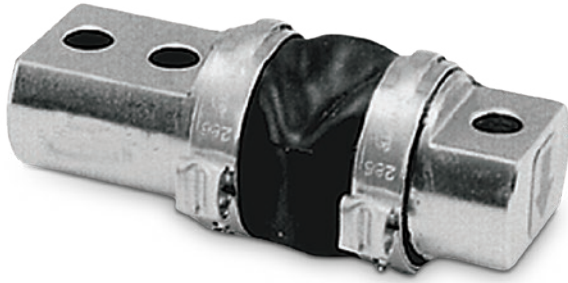
Order Information

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



SINGLE-ENDED BEAM
RL50210

Alloy Steel, Environmentally Sealed, IP65



APPROVALS



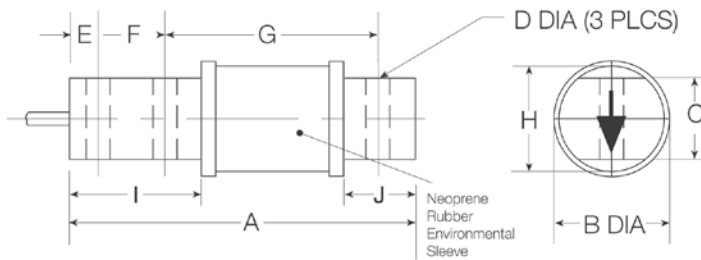
Dimensions

Picture is a representation of actual product

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

Order Information

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



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS	
RL50219SS	page 153
VPG® SENSORTRONICS®	
60040	page 322
ARTECH®	
50210	—
VPG® REVERE	
5503	—

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS	
RL50210TA	page 50

Specifications

Full Scale Output:
3.0 mV/V

Output Resistance:
349-355 ohm

Input Resistance:
360-450 ohm

Material/Finish:
High-alloy steel, nickel plated

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

Seal Type:
Environmentally sealed with neoprene sleeve, IP65

Safe Overload:
150% full scale

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

Nonlinearity:
0.03% full scale

Hysteresis:
0.02% full scale

Insulation Resistance:
5,000 megohms

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

Cable Length:
20 ft

Cable Diameter:
0.200 in polyurethane jacket

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

Warranty:
Two-year limited warranty

Approvals:
cFMus

SINGLE-ENDED BEAM
RL60040SST

Stainless Steel, Environmentally Sealed, IP65

**DISCONTINUED
 LIMITED STOCK
 AVAILABLE**



Interchangeable Products

- RICE LAKE WEIGHING SYSTEMS
RL50219SS..... page 153
- VPG® SENSORTRONICS**
60040 page 322
- ARTECH*
50210..... —
- VPG® REVERE*
5503..... —

Weigh Module Available

- RICE LAKE WEIGHING SYSTEMS
RL50210TA..... page 50
- *Alloy steel*

Specifications

- Full Scale Output:**
3.0 mV/V
- Output Resistance:**
349-355 ohm
- Input Resistance:**
380-450 ohm
- Material/Finish:**
Stainless steel
- Temperature:**
Operating range
0°F to 150°F (-18°C to 65°C)

Seal Type:
Environmentally sealed with neoprene sleeve, IP65

- Safe Overload:**
150% full scale
- Rated Excitation:**
5-10 VDC (15 V maximum)
- Nonlinearity:**
0.03% full scale
- Hysteresis:**
0.02% full scale

- Insulation Resistance:**
5,000 megohms
- Deflection at Capacity:**
50 lb=0.008 in
250 lb=0.016 in
- Cable Length:**
20 ft
- Cable Diameter:**
0.200 in polyurethane jacket

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

Warranty:
Two-year limited warranty

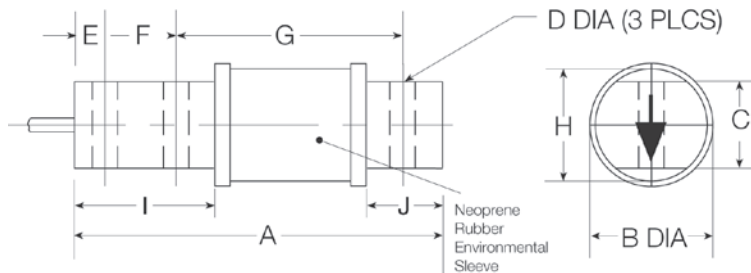
Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	I	J
lb/in										
25-250	2.81	1.30	0.62	0.26	0.25	0.50	1.81	1.00	1.00	0.50

Order Information

Load Rating	Part #	Est. Weight	Price
50 lb	101973	3 lb	\$450.00
250 lb	101977	3 lb	\$450.00



SINGLE-ENDED BEAM

RL40BBS

Alloy Steel, Environmentally Sealed, IP65



Interchangeable Products

HBM®	
BBSpage 261
VPG® SENSORTRONICS®	
65087 —
FAIRBANKS®	
3-481XX-1 —
FAIRBANKS	
3-48660-1 —
ARTECH®	
40310 —

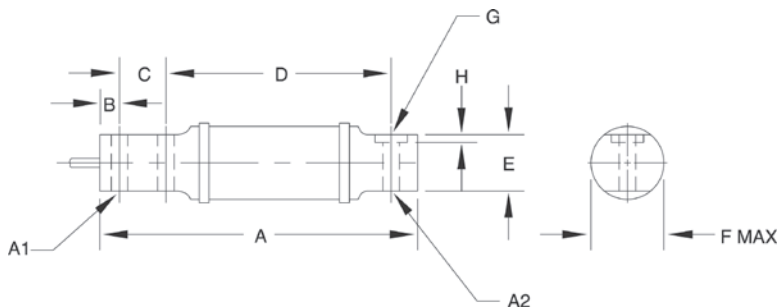
Dimensions

Picture is a representation of actual product

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

Order Information

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



Specifications

Full Scale Output:

2.0 mV/V

Bridge Resistance:

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

Material/Finish:

High-alloy steel, nickel plated

Temperature:

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

Seal Type:

Environmentally sealed with neoprene sleeve, IP65

Safe Overload:

150% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Deflection at Capacity:

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

Nonlinearity:

0.03% full scale

Hysteresis:

0.02% full scale

Insulation Resistance:

5,000 megohms

Cable Length:

10 ft

Cable Diameter:

0.200 in polyurethane jacket

Cable Color Code:

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

Warranty:

Two-year limited warranty

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

Interchangeable Products

AVERY WEIGH TRONIX®

Weigh Bar..... —

Specifications

Full Scale Output:

2.0 ± (0.1%) mV/V

Output Resistance:

350 (± 3) ohm

Input Resistance:

385 (± 10) ohm

Material/Finish:

Stainless steel

Temperature:

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

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5-10 VDC

Combined Error:

0.02% full scale

Non-Repeatability:

± 0.01% full scale

Insulation Resistance:

5,000 megaohms

Cable Length:

20 ft

Cable Diameter:

0.190 in polyurethane jacket

Cable Color Code:

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

Warranty:

Two-year limited warranty

Approvals:

NTEP



APPROVALS



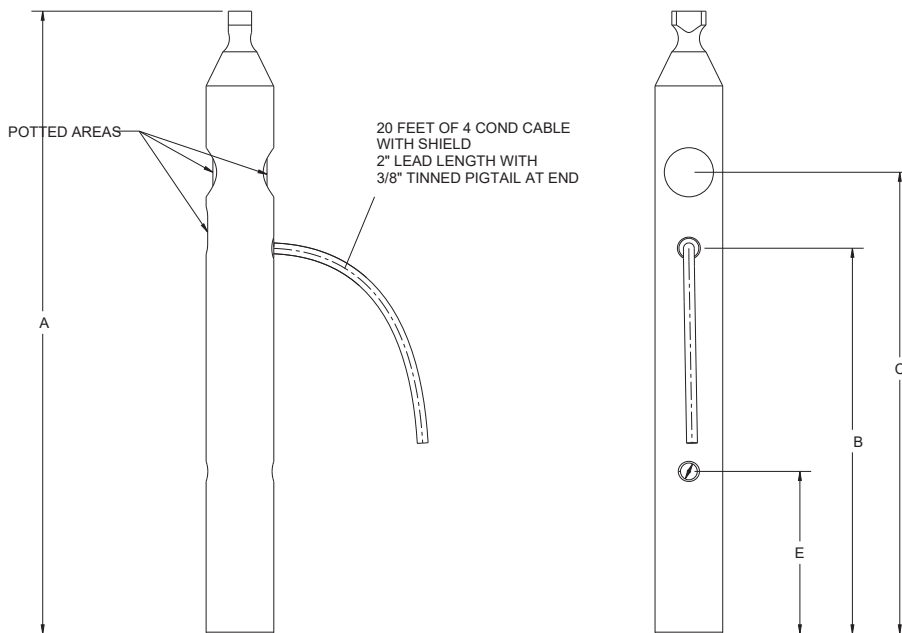
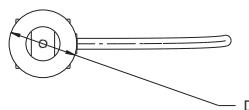
Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E
lb/in					
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

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



RL32011WB-T

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



APPROVALS



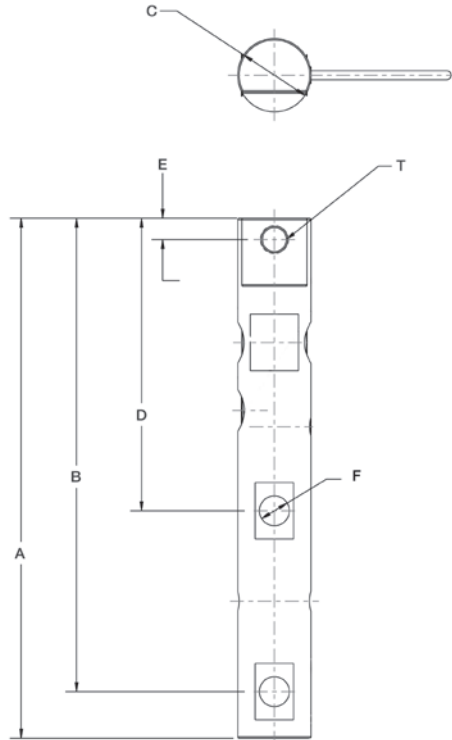
Dimensions

Picture is a representation of actual product

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

Order Information

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



Interchangeable Products

AVERY WEIGH TRONIX®

Weigh Bar..... —

Specifications

Full Scale Output:

2.0 (± 0.1%) mV/V

Output Resistance:

350 (± 3) ohm

Input Resistance:

385 (± 10) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated range

14°F to 104°F (-10°C to 40°C)

Operating range

0° F to 150° F (-18° C to 65° C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5-10 VDC

Combined Error:

0.02% full scale

Non-Repeatability:

± 0.01% full scale

Insulation Resistance:

5,000 megaohms

Cable Length:

20 ft

Cable Diameter:

0.190 in polyurethane jacket

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Warranty:

Two-year limited warranty

Approvals:

NTEP

NEW
DOUBLE-ENDED BEAM
RL72020

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

Interchangeable Products

- RICE LAKE WEIGHING SYSTEMS
RL70000* page 163
 VPG® REVERE
5103* page 291
 ARTECH®
70210 —
 METTLER-TOLEDO®
SLD 430 —
 *Conduit adapter optional

Weigh Module Available

- RICE LAKE WEIGHING SYSTEMS
EZ Mount 1 page 90

Specifications

- Full Scale Output:**
3.0 mV/V
- Output Resistance:**
700 (± 5) ohm
- Input Resistance:**
5-10k=700 (± 14) ohm
20-150k=770 (± 10) ohm
200-250k=700 (± 14) ohm
- Material/Finish:**
High-alloy steel, nickel plated
- Temperature:**
Compensated range
14° F to 104° F (-10° C to 40° C)
Operating range
0° F to 150° F (-18° C to 65° C)
- Seal Type:**
Environmentally sealed, IP67
- Safe Overload:**
150% full scale
- Safe Sideload:**
100% full scale

- Rated Excitation:**
5-10 VDC (15 V maximum)
- Combined Error:**
0.02% full scale
- Insulation Resistance:**
5,000 megohms
- Deflection at Capacity:**
5,000 lb=0.02 in
10,000 lb=0.025 in
20,000 lb=0.042 in
30,000-50,000 lb=0.02 in
60,000 lb=0.025 in
100,000 lb=0.02 in

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

Warranty:
Two-year limited warranty

Approvals:
cFMus
NTEP

APPROVALS



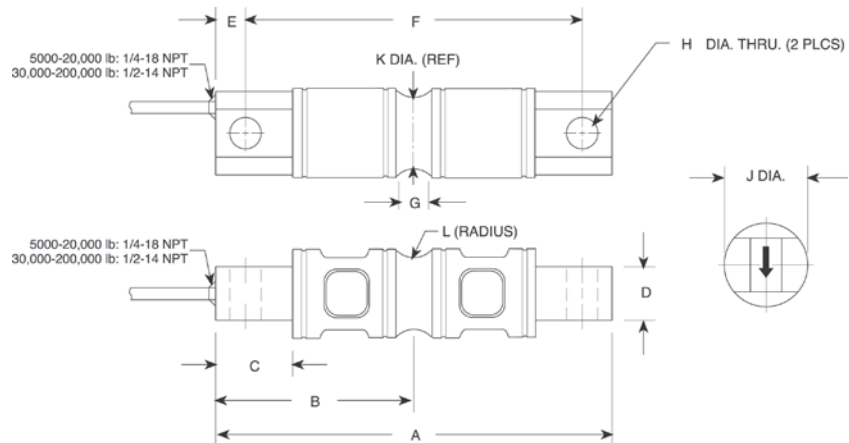
Dimensions

Picture is a representation of actual product

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

Order Information

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



RICE LAKE WEIGHING SYSTEMS

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

RICE LAKE

NEW

DOUBLE-ENDED BEAM

RL72020SS

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



APPROVALS



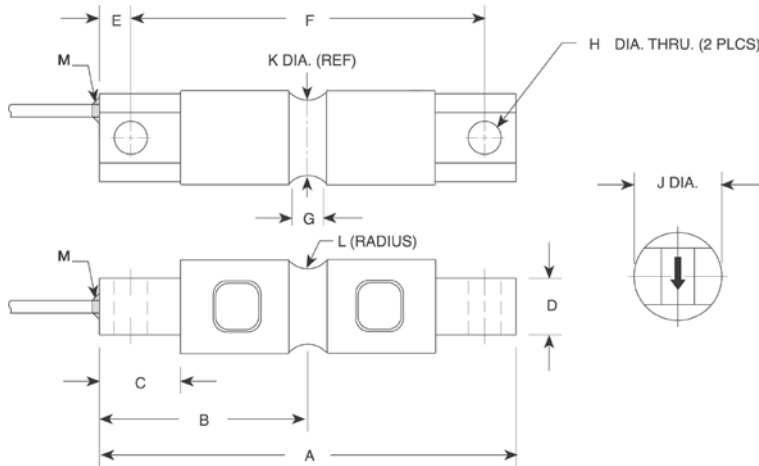
Picture is a representation of actual product

Dimensions

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

Order Information

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



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS
RL70000SS page 165
 VPG® REVERSE
9103..... page 292

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS
EZ Mount 1 SS page 92

Specifications

- Full Scale Output:** 3.0 mV/V
- Output Resistance:** 700 (± 5) ohm
- Input Resistance:** 700 (± 10) ohm
- Material/Finish:** Stainless steel
- Temperature:** Operating range: 14°F to 104°F (-10°C to 40°C)
- Seal Type:** Environmentally sealed, IP67
- Safe Overload:** 150% full scale
- Rated Excitation:** 5-10 VDC
- Combined Error:** 0.02% full scale
- Insulation Resistance:** 5,000 megohms
- Cable Length:** 30 ft polyurethane jacket
- Cable Color Code:** Red +Excitation
Black -Excitation
Green +Signal
White -Signal
- Warranty:** Two-year limited warranty
- Approvals:** NTEP
cFMus

NEW
DOUBLE-ENDED BEAM
RL72020P

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

Interchangeable Products

- RICE LAKE WEIGHING SYSTEMS
RL70000..... page 163
- RICE LAKE WEIGHING SYSTEMS
RL70000 Painted..... page 164
- VPG® REVERE
5103*..... page 291
- ARTECH®
70210.....
- METTLER-TOLEDO®
SLD 430.....
- *Conduit adapter optional
Cells are unpainted

Weigh Module Available

- RICE LAKE WEIGHING SYSTEMS
EZ Mount 1..... page 90

Specifications

- Full Scale Output:**
3.0 mV/V
- Output Resistance:**
5-10k=703 (± 4) ohm
20-150k=700 (± 5) ohm
200-250k=700 (± 5) ohm
- Input Resistance:**
5-10k=700 (± 14) ohm
20-150k=770 (± 10) ohm
200-250k=700 (± 14) ohm
- Material/Finish:**
High-alloy steel, nickel plated
- Temperature:**
Compensated range
14° F to 104° F (-10° C to 40° C)
Operating range
0° F to 150° F (-18° C to 65° C)
- Seal Type:**
Environmentally sealed, IP67
- Safe Overload:**
150% full scale
- Safe Sideload:**
100% full scale

- Rated Excitation:**
5-10 VDC (15 V maximum)
- Combined Error:**
0.02% full scale
- Insulation Resistance:**
5,000 megohms
- Deflection at Capacity:**
5,000 lb=0.02 in
10,000 lb=0.025 in
20,000 lb=0.042 in
30,000-50,000 lb=0.02 in
60,000 lb=0.025 in
100,000 lb=0.02 in
- Cable Length:**
30 ft
- Cable Diameter:**
5,000 lb-20,000 lb=0.200 in
30,000 lb-250,000 lb=0.305 in
polyurethane jacket
- Cable Color Code:**
Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:
Two-year limited warranty

Approvals:
cFMus
NTEP

APPROVALS



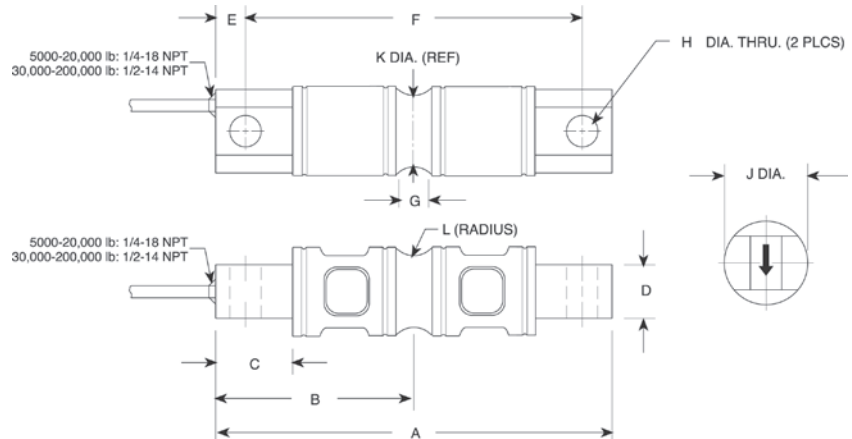
Dimensions

Picture is a representation of actual product

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

Order Information

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



RICE LAKE WEIGHING SYSTEMS

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

RICE LAKE

DOUBLE-ENDED BEAM

RL72019SS

Stainless Steel, Environmentally Sealed, IP68



APPROVALS



Pending

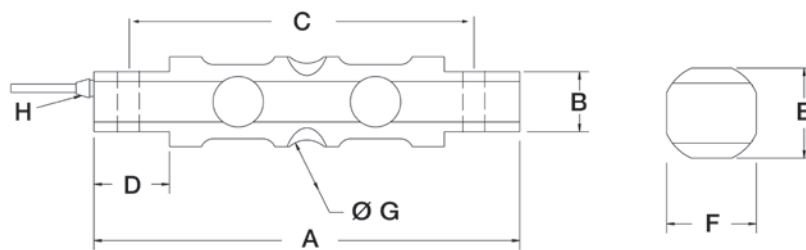
Dimensions

Picture is a representation of actual product

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

Order Information

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



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS
RL70000SS page 165
 VPG® REVERSE
9103..... page 292

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS
EZ Mount 1 SS page 92

Specifications

Full Scale Output:
3.0 mV/V

Output Resistance:
700 (± 5) ohm

Input Resistance:
780 (± 10) ohm

Material/Finish:
Stainless steel

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

Seal Type:
Welded-seal, IP68

Safe Overload:
150% full scale

Rated Excitation:
5-10 VDC

Nonlinearity:
0.03% full scale

Hysteresis:
0.5% full scale

Insulation Resistance:
5,000 megohms

Cable Length:
25 ft

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

Warranty:
Two-year limited warranty

Approvals:
cFMus
NTEP pending

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

Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

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VPG® REVERE*

5103* page 291

ARTECH®

70210 —

METTLER-TOLEDO®

SLD 430 —

*Conduit adapter optional

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

EZ Mount 1 page 90



APPROVALS



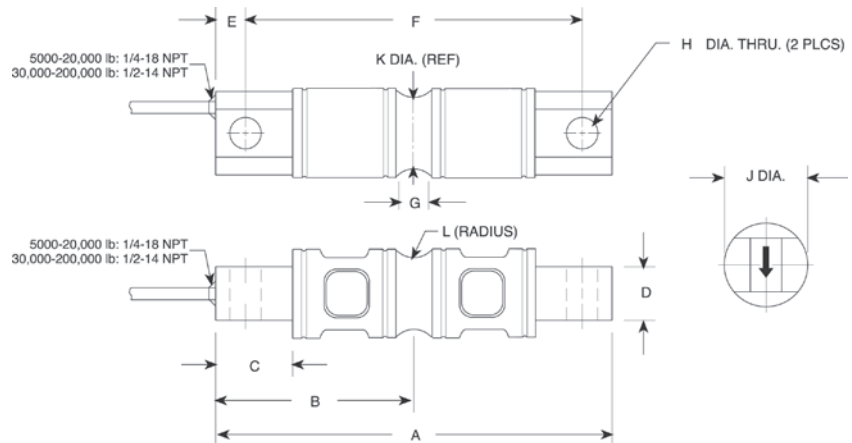
Dimensions

Picture is a representation of actual product

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

Order Information

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



Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

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

Input Resistance:

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

Material/Finish:

High-alloy steel, nickel plated

Temperature:

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

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohms

Deflection at Capacity:

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

Cable Length:

30 ft

Cable Diameter:

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

Cable Color Code:

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

Warranty:

Two-year limited warranty

Approvals:

cFMus
NTEP

NEW

DOUBLE-ENDED BEAM

RL70000 Painted

Alloy Steel, Environmentally Sealed, IP67



APPROVALS



Interchangeable Products

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RL72020*	page 159
RICE LAKE WEIGHING SYSTEMS	
RL72020P	page 161

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS	
EZ Mount 1	page 90

*Cells are unpainted

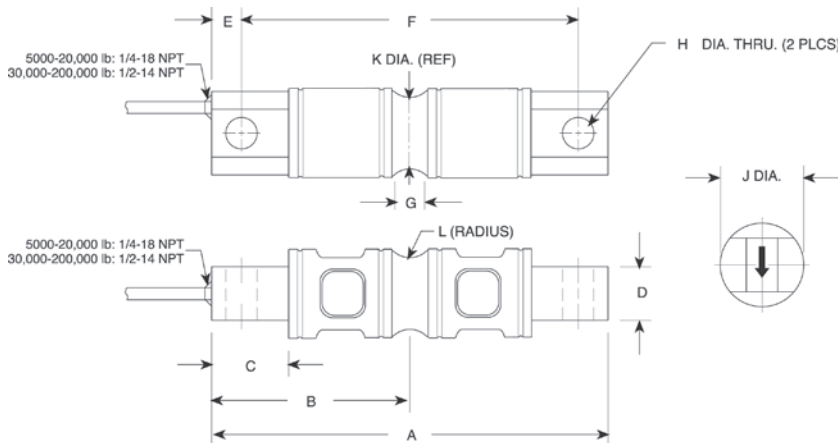
Dimensions

Picture is a representation of actual product

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

Order Information

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



Specifications

Full Scale Output:
3.0 mV/V

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

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

Material/Finish:
High-alloy steel, nickel plated

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

Seal Type:
Environmentally sealed, IP67

Safe Overload:
150% full scale

Safe Sideload:
100% full scale

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

Combined Error:
0.02% full scale

Insulation Resistance:
5,000 megohms

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

Cable Length:
30 ft

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

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

Warranty:
Two-year limited warranty

Approvals:
cFMus
NTEP

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

Interchangeable Products

- RICE LAKE WEIGHING SYSTEMS
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- RICE LAKE WEIGHING SYSTEMS
RL72020SS page 160
- VPG® REVERE
9103 page 292
- METTLER TOLEDO®
SLD-530 —

Weigh Module Available

- RICE LAKE WEIGHING SYSTEMS
EZ Mount 1 page 90

Specifications

- Full Scale Output:**
3.0 mV/V
- Output Resistance:**
700 (± 7) ohm
- Input Resistance:**
700 (± 7) ohm
- Material/Finish:**
Stainless steel
- Temperature:**
Compensated range
0°F to 150°F (-18°C to 65°C)
Operating range
0°F to 150°F (-18°C to 65°C)
- Seal Type:**
Environmentally sealed, IP67
- Safe Overload:**
150% full scale
- Safe Sideload:**
100% full scale
- Rated Excitation:**
5-10 V AC/DC (15 V max)
- Non-repeatability:**
0.02% full scale

- Combined Error:**
0.3% full scale
- Insulation Resistance:**
5,000 megohms
- Deflection at Capacity:**
5,000 lb=0.02 in
10,000 lb=0.025 in
20,000 lb=0.042 in
30,000-50,000 lb=0.02 in
60,000 lb=0.025 in
100,000-150,000 lb=0.02 in

- Cable Length:**
30 ft
- Cable Diameter:**
0.295 in polyurethane jacket
- Cable Color Code:**
Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:
Two-year limited warranty

Approvals:
cFMus
NTEP (Except 5,000 lb and 150,000 lb)

APPROVALS



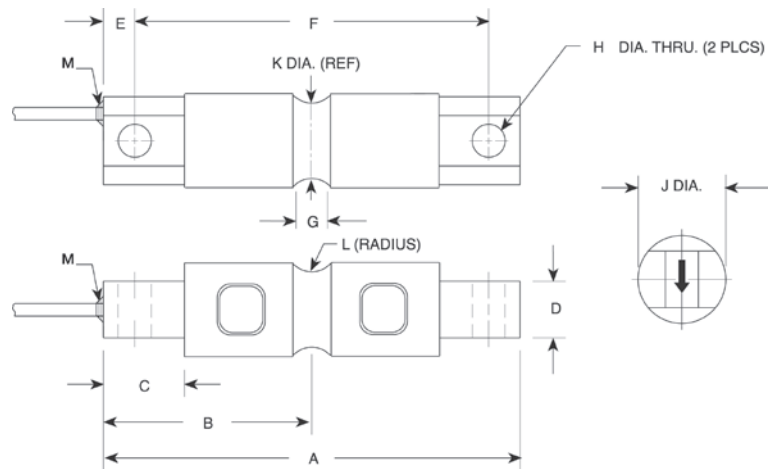
Dimensions

Picture is a representation of actual product

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

Order Information

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



DOUBLE-ENDED BEAM RL75016

Alloy Steel, Environmentally Sealed, IP67



APPROVALS



Dimensions

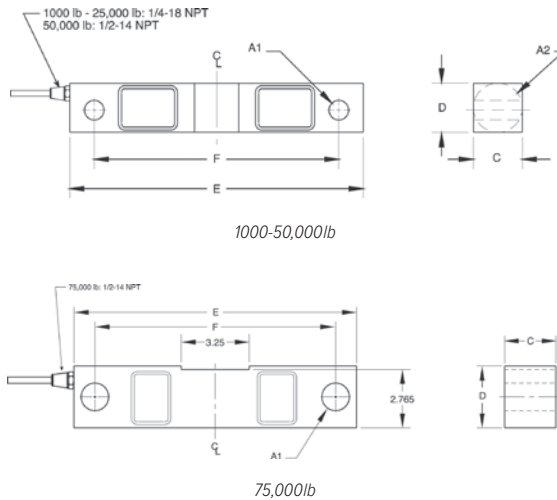
Picture is a representation of actual product

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

Order Information

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

*75,000lb capacity has a square center



Interchangeable Products

- VPG® CELTRON
DSR..... page 231
- VPG® SENSORTRONICS®
65016..... page 326
- VPG® REVERE
5203..... —

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS
RL1600 Series page 98 and page 100

Specifications

- Full Scale Output:**
3.0 mV/V
- Output Resistance:**
700 (± 5) ohm
- Input Resistance:**
770 (± 10) ohm
- Material/Finish:**
High-alloy steel, nickel plated
- Temperature:**
Operating range
0°F to 150°F (-18°C to 65°C)
- Seal Type:**
Environmentally sealed, IP67
- Safe Overload:**
150% full scale
- Safe Sideload:**
100% full scale
- Rated Excitation:**
5-10 VDC (15 V maximum)
- Nonlinearity:**
0.03% full scale
- Hysteresis:**
0.02% full scale

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

- Insulation Resistance:**
5,000 megohms

- Cable Length:**
25 ft

- Cable Diameter:**
1,000-25,000 lb=0.200 in
50,000-75,000 lb=0.305 in
polyurethane jacket

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

- Warranty:**
Two-year limited warranty

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

Interchangeable Products

- RICE LAKE WEIGHING SYSTEMS
RL75016* (Alloy)..... page 166
 VPG® CELTRON
DSR* (Alloy)..... page 231
 VPG® SENSORTRONICS®
65016* (Alloy)..... page 326

Weigh Module Available

- RICE LAKE WEIGHING SYSTEMS
RL1600 Series page 98 and page 100
**Cells are unpainted*



APPROVALS



Dimensions

Picture is a representation of actual product

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

Specifications

- Full Scale Output:**
3.0 mV/V
- Output Resistance:**
700 (± 5) ohm
- Input Resistance:**
770 (± 10) ohm
- Material/Finish:**
High-alloy steel, nickel plated, painted
- Temperature:**
Operating range
0° F to 150° F (-18° C to 65° C)
- Seal Type:**
Environmentally sealed, IP67
- Safe Overload:**
150% full scale
- Safe Sideload:**
100% full scale
- Rated Excitation:**
5-10 VDC (15 V maximum)
- Nonlinearity:**
0.03% full scale
- Hysteresis:**
0.02% full scale

Insulation Resistance:
5,000 megohms

Cable Length:
25 ft

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

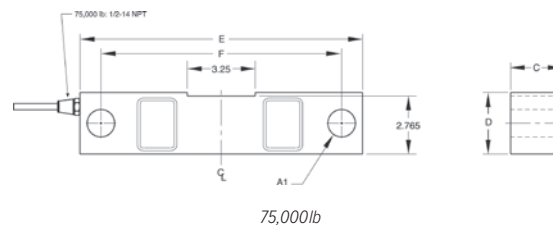
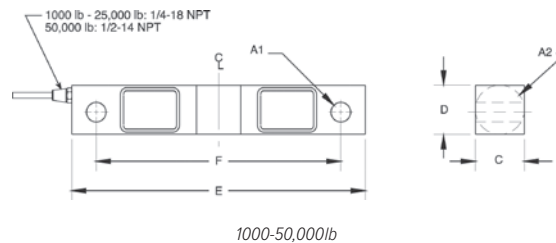
Warranty:
Two-year limited warranty

Approvals:
cFMus

Order Information

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

**75,000lb capacity has a square center*



DOUBLE-ENDED BEAM

RL75016SS

Stainless Steel, Environmentally Sealed, IP67



APPROVALS



Dimensions

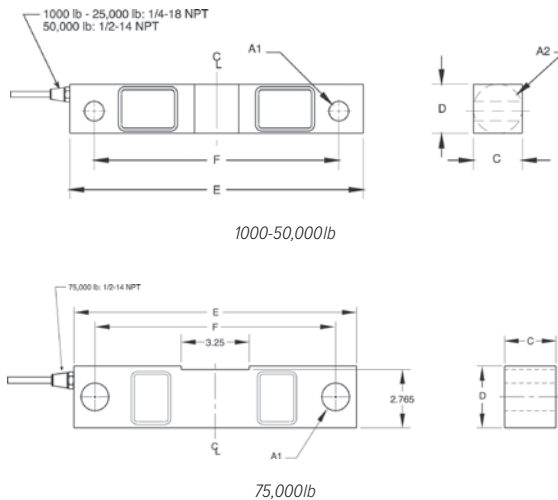
Picture is a representation of actual product

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

Order Information

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

*75,000lb capacity has a square center



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL75016WHE* page 170

VPG® SENSORTRONICS®

65016W page 327

VPG® SENSORTRONICS

65016WH* page 328

VPG® REVERE

9203 —

*Hermetically sealed

Weigh Module Available

SURVIVOR®

RL1600 HE Series page 36

Specifications

Full Scale Output:
3.0 mV/V

Output Resistance:
700 (± 5) ohm

Input Resistance:
770 (± 10) ohm

Material/Finish:
Stainless steel

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

Seal Type:
Environmentally sealed, IP67

Safe Overload:
150% full scale

Safe Sideload:
100% full scale

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

Nonlinearity:
0.07% full scale

Hysteresis:
0.02% full scale

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

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

Insulation Resistance:
5,000 megohms

Cable Length:
25 ft

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

Warranty:
Two-year limited warranty

Approvals:
cFMus

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

Interchangeable Products

- RICE LAKE WEIGHING SYSTEMS
RL75016SS page 168
 RICE LAKE WEIGHING SYSTEMS
RL75016WHE page 170



Specifications

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

Warranty:
 Two-year limited warranty

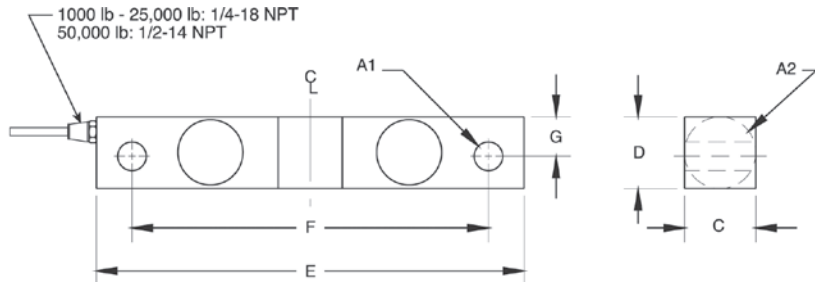
Dimensions

Picture is a representation of actual product

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

Order Information

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



DOUBLE-ENDED BEAM

RL75016WHE

Stainless Steel, Hermetically Sealed, IP69K



APPROVALS



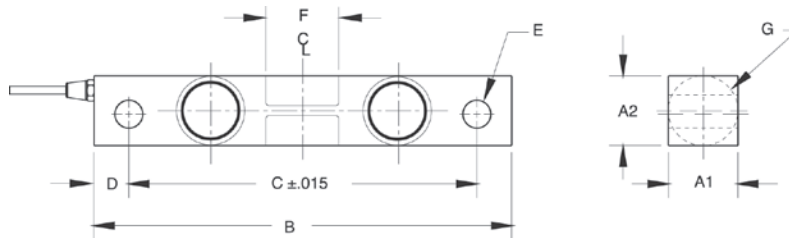
Dimensions

Picture is a representation of actual product

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

Order Information

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



Interchangeable Products

- RICE LAKE WEIGHING SYSTEMS
RL75016SS*page 168
- RICE LAKE WEIGHING SYSTEMS
RL75016SS-W*page 169
- VPG® SENSORTRONICS®
65016W*page 327
- VPG® SENSORTRONICS
65016WH..... page 328
**Welded seal*

Weigh Module Available

- RICE LAKE WEIGHING SYSTEMS
RL1600 Seriespage 98 and page 100

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

699-707 ohm

Input Resistance:

686-714 ohm

Material/Finish:

Stainless steel

Temperature:

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

Seal Type:

Hermetically sealed, IP69K

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Combined Error:

0.03% full scale

Insulation Resistance:

2,000 megohms

Cable Length:

25 ft

Cable Diameter:

0.200 in polyurethane jacket

Cable Color Code:

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

Warranty:

Two-year limited warranty

Approvals:

- cFMus
- Waterproof

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

**DISCONTINUED
LIMITED STOCK
AVAILABLE**

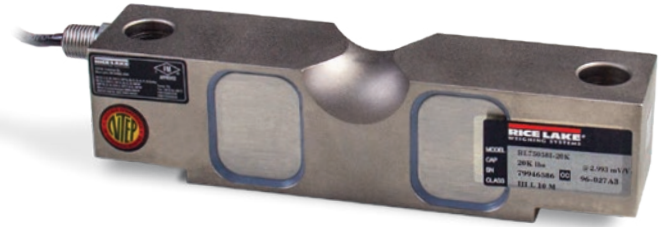
Interchangeable Products

- RICE LAKE WEIGHING SYSTEMS
RL75058-LP page 173
- VPG® SENSORTRONICS®
65058A page 329
- VPG® CELTRON
CLB page 233

Weigh Module Available

- RICE LAKE WEIGHING SYSTEMS
RL2100HE page 40
- RICE LAKE WEIGHING SYSTEMS
MVS page 106

APPROVALS



Dimensions

Picture is a representation of actual product

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

Specifications

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

Cable Coloring Code:

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

Warranty:

Two-year limited warranty

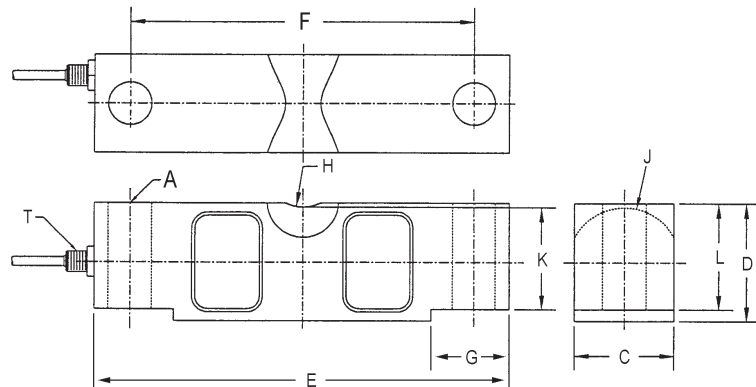
Approvals:

- cFMus
- NTEP

Order Information

Load Rating	Part #	Est. Weight	Price
NTEP Certified			
20,000 lb	34314	8 lb	\$673.00
25,000 lb	34315	8 lb	\$673.00
40,000 lb	34316	13 lb	\$805.00
50,000 lb	34317	19 lb	\$885.00
60,000 lb	34318	19 lb	\$885.00
75,000 lb	34319	19 lb	\$885.00
100,000 lb	34320	40 lb	\$1,575.00
125,000 lb	34321	40 lb	\$1,669.00
Non-NTEP Certified			
10,000 lb	41890		\$652.00
NTEP Certified 60 ft Cables			
50,000 lb	53417	20 lb	\$895.00
75,000 lb**	39516	20 lb	\$948.00
75,000 lb*	73839	20 lb	\$995.00
125,000 lb	96944	40 lb	\$1,722.00
NTEP Certified 100 ft Cable			
75,000 lb	74725	22 lb	\$1,055.00

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

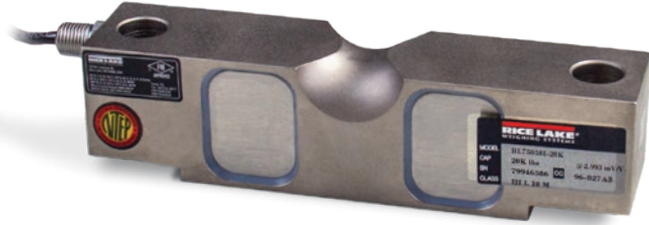


DOUBLE-ENDED BEAM

RL75058I FOR RICE LAKE COIL SCALE

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

RICE LAKE WEIGHING SYSTEMS



APPROVALS



Specifications

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

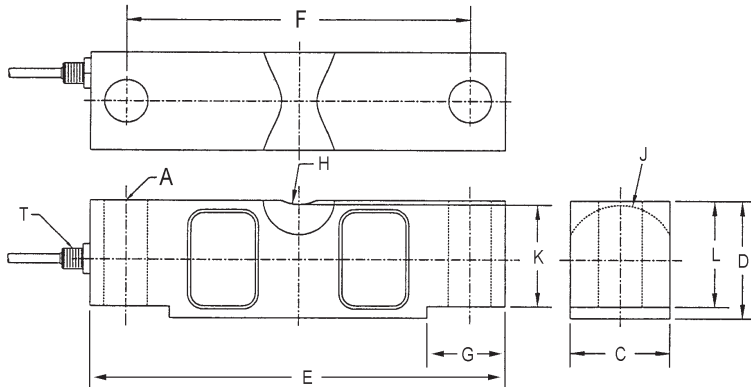
Dimensions

Picture is a representation of actual product

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

Order Information

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



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

RICE LAKE

NEW

DOUBLE-ENDED BEAM

RL75058-LP

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

Interchangeable Products

- VPG® SENSORTRONICS®
65058A..... page 329
- VPG® CELTRON
CLB..... page 233

Weigh Module Available

- RICE LAKE WEIGHING SYSTEMS
RL2100HE..... —
- RICE LAKE WEIGHING SYSTEMS
MVS..... page 106

**Lightning Protection
Built-in**

APPROVALS



Picture is a representation of actual product

Specifications

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

Warranty:
Two-year limited warranty

Approvals:
cFMus
NTEP

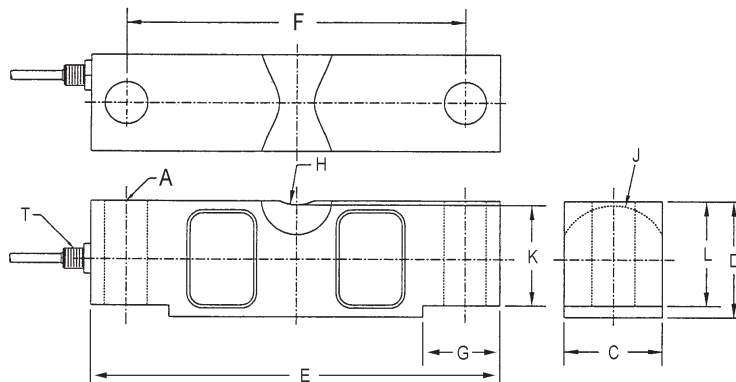
Dimensions

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

Order Information

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

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



RICE LAKE WEIGHING SYSTEMS

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

RICE LAKE

NEW

DOUBLE-ENDED BEAM

RL75058S-LP

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

**Lightning Protection
Built-in**



APPROVALS



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS
RL75058I (Alloy)..... page 171
 VPG® SENSORTRONICS®
65058S..... page 330

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS
RL2100HE..... —
 RICE LAKE WEIGHING SYSTEMS
MVS..... page 106

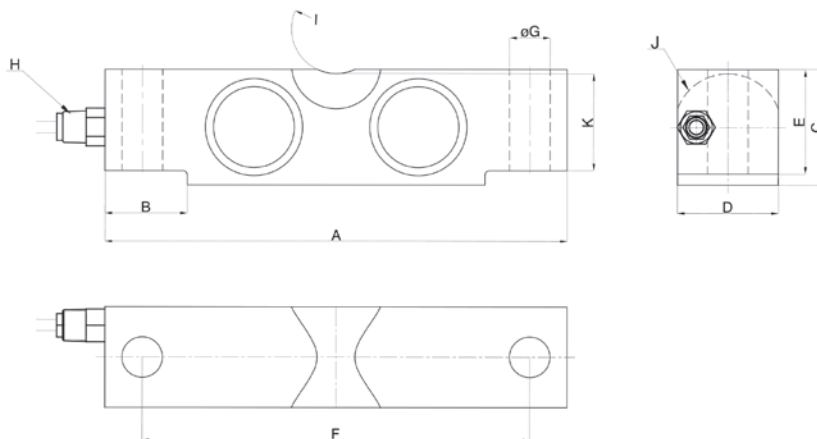
Dimensions

Picture is a representation of actual product

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

Order Information

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



Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

700 (± 7) ohms

Input Resistance:

700 (± 14) ohms

Material/Finish:

Stainless steel

Temperature:

Compensated range

14°F to 104°F (-10°C to 40°C)

Operating range

0°F to 150°F (-18°C to 65°C)

Seal Type:

Hermetically sealed, IP68/IP69K

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohms

Cable Length:

35 ft

60 ft

Cable Diameter:

10,000-25,000 lb=0.200 in

40,000-125,000 lb=0.305 in

polyurethane jacket

Cable Coloring Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited warranty

Approvals:

cFMus

NTEP

DOUBLE-ENDED BEAM RL75060S

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

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL2100HE..... page 40

RICE LAKE WEIGHING SYSTEMS

MVS..... page 106

Specifications

Full Scale Output:
3.0 mV/V

Output Resistance:
699-707 ohm

Input Resistance:
686-714 ohm

Material/Finish:
Stainless steel

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

Seal Type:
Welded-seal, IP67

Safe Overload:
150% full scale

Safe Sideload:
100% full scale

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

Combined Error:
0.02% full scale

Insulation Resistance:
1,000 megohms

Cable Length:
35 ft
60 ft

Cable Diameter:
20,000 lb-25,000 lb=0.200 in
35,000 lb-100,000 lb=0.305 in
polyurethane jacket

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

Warranty:
Two-year limited warranty

Approvals:
cFMus
NTEP
Waterproof

APPROVALS



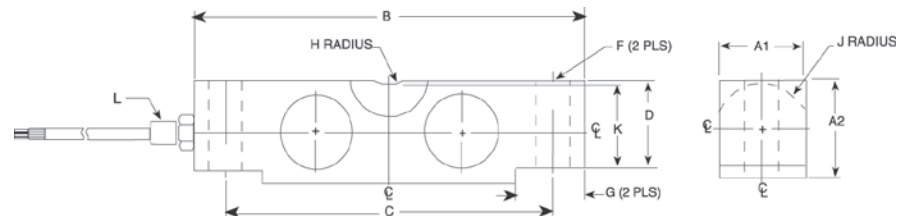
Dimensions

Picture is a representation of actual product

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

Order Information

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



DOUBLE-ENDED BEAM RL75223

Alloy Steel, Welded Seal, NTEP Certified 1:10,000 Class IIII Multiple Cell, IP67



APPROVALS



Interchangeable Products

VPG® REVERE	
5223	page 293
VPG® SENSORTRONICS®	
65040A-XX-1127W	page 334
ARTECH®	
80210	—
THURMAN®	
TSC 800	—
UNIBRIDGE®	
DL9000	—

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS	
Translink	page 108

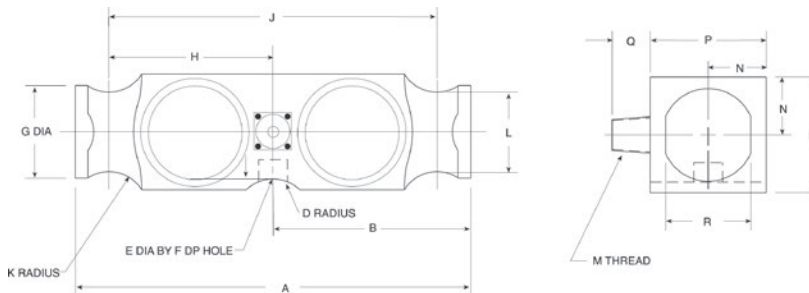
Dimensions

Picture is a representation of actual product

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

Order Information

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



Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

699-707 ohm

Input Resistance:

686-714 ohm

Material/Finish:

High-alloy steel

Temperature:

Compensated range

14°F to 104°F (-10°C to 40°C)

Operating range

0°F to 150°F (-18°C to 65°C)

Seal Type:

Welded-seal, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Non-repeatability:

0.01% full scale

Combined Error:

0.03% full scale

Insulation Resistance:

5,000 megohms

Deflection at Capacity:

50,000 lb=0.018 in

65,000 lb=0.022 in

100,000 lb=0.034 in

Cable Length:

40 ft

60 ft

Cable Diameter:

0.305 in polyurethane jacket

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited warranty

Approvals:

cFMus

NTEP

DOUBLE-ENDED BEAM
RLDB50000S

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

Interchangeable Products

CARDINAL®
DB50000S

Specifications

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

APPROVALS



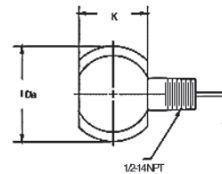
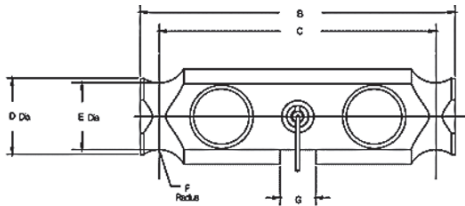
Dimensions

Picture is a representation of actual product

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

Order Information

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



RICE LAKE WEIGHING SYSTEMS

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RICE LAKE

DOUBLE-ENDED BEAM RL75040

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



APPROVALS



Interchangeable Products

VPG® SENSORTRONICS®	
65040A	page 332
ARTECH®	
80310	—
THURMAN®	
TSC 840	—
SENTRAN	
WD1	—
ANYLOAD	
102TH	—

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS	
Translink™	page 108

Dimensions

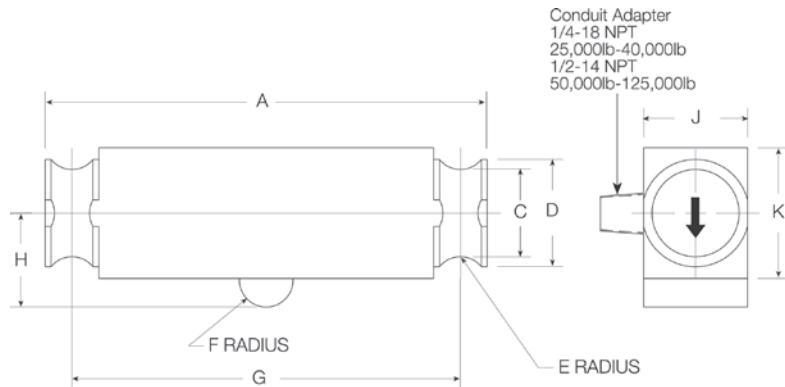
Picture is a representation of actual product

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

Order Information

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

SE=small envelope; LE=large envelope



Specifications

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

Interchangeable Products

- VPG® REVERE
CSP page 301
- VPG® SENSORTRONICS®
65088-1000 —
- VPG® REVERE
692B —
- HOWE RICHARDSON®
244699-000X —
- STREETER AMET®
3760XXX —

Weigh Module Available

- RICE LAKE WEIGHING SYSTEMS
MagnaMountpage 111

Specifications

- Full Scale Output:**
2.0 mV/V
- Output Resistance:**
475.2-484.8 ohm
- Input Resistance:**
445.5-454.5 ohm
- Material/Finish:**
Stainless steel
- Temperature:**
Compensated range
14°F to 104°F (-10°C to 40°C)
Operating range
0° F to 150° F (-18° C to 65° C)
- Seal Type:**
Welded-seal, IP67
- Safe Overload:**
150% full scale
- Rated Excitation:**
5-10 VDC (15 V maximum)
- Combined Error:**
0.03% full scale
- Non-repeatability:**
0.01% full scale
- Insulation Resistance:**
1,000 megohms
- Deflection at Capacity:**
25,000-50,000 lb=0.003 in
100,000-125,000 lb=0.006 in
- Cable Length:**
35 ft
80 ft
- Cable Diameter:**
0.305 in polyurethane jacket
- Cable Color Code:**
Green +Excitation
Black -Excitation
White +Signal
Red -Signal
Orange Shield
- Warranty:**
Two-year limited warranty

Approvals:

- cFMus
- NTEP

APPROVALS



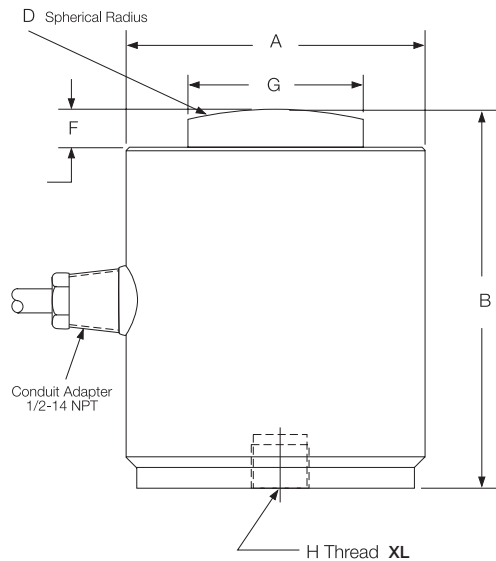
Dimensions

Picture is a representation of actual product

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

Order Information

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



COMPRESSION CANISTER

RL8C2P1SST

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



Interchangeable Products

VPG® REVERSE

792 page 302

APPROVALS



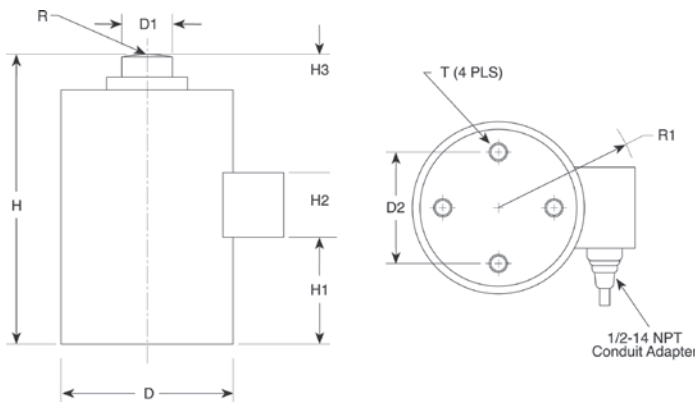
Dimensions

Picture is a representation of actual product

Rated Capacity	D	D1	D2	H	H1	H2	H3	R	R1	T
lb/in										
50,000	4.50	1.25	2.38	7.50	1.17	0.75	0.75	8.00	3.75	3/8-24 UNF x .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 x .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 x 25.4 DP

Order Information

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



Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

350 (± 3.5) ohm

Input Resistance:

350 (± 3.5) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated range

14°F to 104°F (-10°C to 40°C)

Operating range

0°F to 150°F (-18°C to 65°C)

Seal Type:

Hermetically sealed, IP68

Safe Overload:

150% full scale

Rated Excitation:

10 VDC (15 V maximum)

Non-repeatability:

0.01% full scale

Combined Error:

0.03% full scale

Insulation Resistance:

>1,000 megohms

Deflection at Capacity:

50,000 lb=0.004 in

100,000 lb=0.006 in

200,000 lb=0.009 in

Cable Length:

35 ft

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Orange Shield

Warranty:

Two-year limited warranty

Approvals:

cFMus

NTEP

ROCKER COLUMN RLSCA-50K

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

Interchangeable Products

CARDINAL®
SCA-50K.....-

Specifications

Full Scale Output:

2 mv/V nominal

Output Resistance:

1,050 (± 10) ohm

Input Resistance:

1,100-1,500 ohm

Material/Finish:

Stainless Steel

Temperature:

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

Seal Type:

Welded-seal, IP67

Safe Overload:

150% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Combined Error:

0.025% full scale

Non-repeatability:

0.01% full scale

Insulation Resistance:

1,000 megohms

Cable Length:

30 ft

Cable Diameter:

0.200 in polyurethane jacket

Cable Color Code:

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

Warranty:

Two-year limited warranty

Approvals:

NTEP
cFMus

APPROVALS



Dimensions

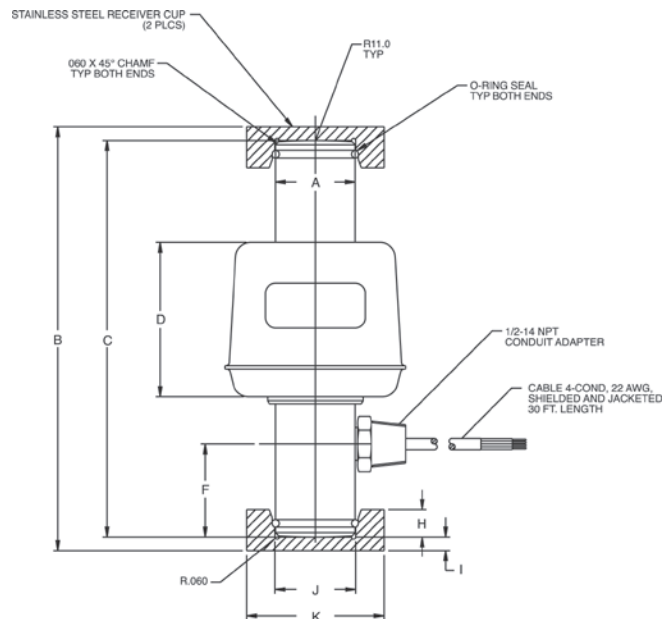
Picture is a representation of actual product

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

Order Information

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

*Load cell supplied with load cups



RICE LAKE WEIGHING SYSTEMS

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

RICE LAKE

ROCKER COLUMN

RL70510-30 t/RL80453-100,000 lb

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



APPROVALS



Picture is a representation of actual product

Dimensions

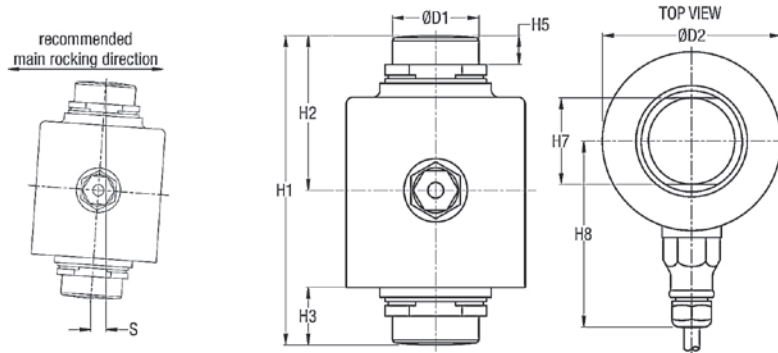
Rated Capacity	H1	H2	H3	H5	H7	H8	D1	D2
t/in								
30	5.51	2.76	1.02	0.51	1.54	3.32	1.54	3.18
lb/in								
100,000	5.91	2.95	1.30	0.51	1.54	3.32	1.54	3.18

Order Information: RL70510

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

Order Information: RL80453

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



Interchangeable Products

FAIRBANKS®	
70510 LCF HR 4020-2A
FAIRBANKS	
80453 LCF HR 4020-21

Specifications

- Full Scale Output:**
2.0 mV/v
- Output Resistance:**
1,000 (± 2) ohm
- Input Resistance:**
1,150 (± 50) ohm
- Material/Finish:**
Stainless steel
- Temperature:**
Compensated range
14°F to 104°F (-10°C to 40°C)
Operating range
0° F to 150° F (-18° C to 65° C)
- Seal Type:**
Hermetically sealed, IP69K
- Safe Overload:**
200% full scale
- Rated Excitation:**
5-10 VDC (15 V max)
- Combined Error:**
0.02% full scale
- Insulation Resistance:**
5,000 megohms
- Cable Length:**
15 ft
- Cable Diameter:**
0.200 in stainless steel overbraid cable
- Cable Color Code:**
Green +Excitation
Black -Excitation
White +Signal
Red -Signal
Yellow Shield
- Warranty:**
Two-year limited warranty
- Approvals:**
NTEP

Interchangeable Products

FAIRBANKS®
64166 LCF HR 4020-2

Specifications

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

APPROVALS



Dimensions

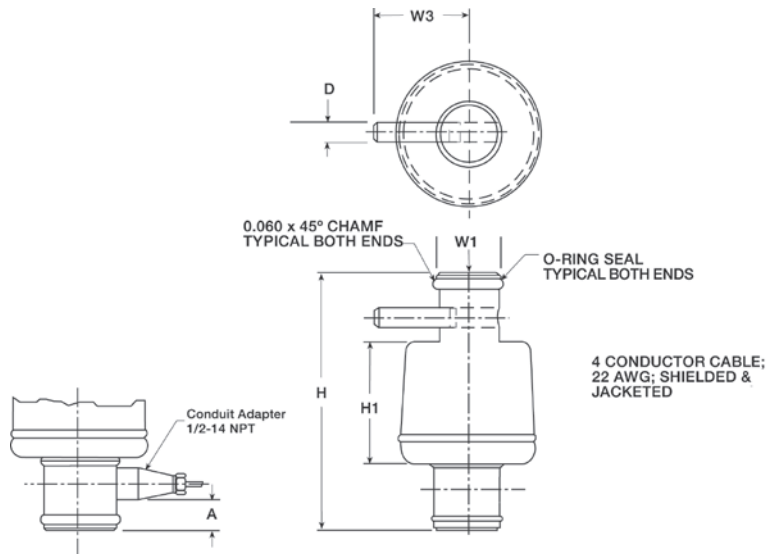
Picture is a representation of actual product

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

Order Information

Load Rating	Part #	Est. Weight	Price
50,000 lb LE	88074	6 lb	\$1,266.00
Replacement Parts			
Replacement O-ring	92988	1lb	\$1.00
Spring pin	116181	1lb	\$5.00

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



COMPRESSION DISK RL90000

Alloy Steel, Environmentally Sealed, IP67



25K shown



5K shown

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

APPROVALS



Interchangeable Products

VPG® CELTRON

LCD page 236

Specifications

Full Scale Output:

4.0 mV/V

Output Resistance:

5,000 lb-50,000 lb=350 (± 3) ohm
100,000 lb=700 (± 5) ohm

Input Resistance:

5,000 lb-50,000 lb=385 (± 5) ohm
100,000 lb =770 (± 70) ohm

Material/Finish:

High-alloy steel, nickel plated

Temperature:

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

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

15 VDC (15 V maximum)

Nonlinearity:

0.05% full scale

Hysteresis:

0.02% full scale

Insulation Resistance:

2,000 megohms

Cable Length:

50 ft

Cable Diameter:

5,000-25,000 lb=0.200 in
50,000-100,000 lb=0.305 in
polyurethane jacket

Cable Color Code:

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

Warranty:

Two-year limited warranty

Approvals:

cFMus

Dimensions

Picture is a representation of actual product

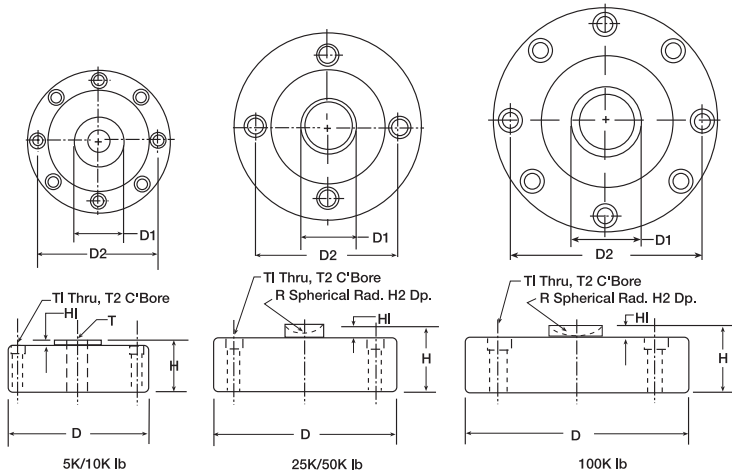
Rated Capacity	T	R	D	D1	D2	H	H1	H2	T1	T2
5,000*-10,000*	5/8-18 UNF-3B	—	4.12	1.26	3.50	1.37	0.12	—	0.28	0.406 × 0.283 DP
25,000-50,000	—	0.875	4.75	1.53	4.00	2.12	0.50	0.30	0.34	0.508 × 0.38 DP
100,000	—	0.875	5.50	1.98	4.60	2.25	0.25	0.30	0.41	0.626 × 0.4 DP

Order Information

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

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

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



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

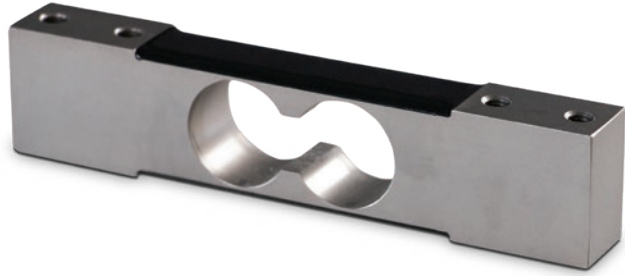
Interchangeable Products

- RICE LAKE WEIGHING SYSTEMS
RL1380..... page 199
 FLINTEC
PC3..... page 253
 HBM®
PWS.....page 267

Specifications

- Full Scale Output:**
2 mv/v
- Output Resistance:**
350 (± 10) ohms
- Input Resistance:**
385 (± 15) ohms
- Material Finish:**
Stainless steel
- Temperature Compensation:**
Compensated Range
14°F to 104°F (-10°C to 40°C)
Operating Range
0°F to 150°F (-18°C to 65°C)
- Seal Type:**
Environmentally sealed, IP67
- Safe Overload:**
150% full scale
- Rated Excitation:**
5-10 VDC
- Insulation Resistance:**
5,000 megohms
- Max Platform Size:**
7-30 kg=350mm × 350mm
60-150 kg=450mm × 450mm
- Combined Error:**
0.02% full scale
- Cable Length:**
10 ft
- Cable Diameter:**
0.140 in polyurethane jacket
- Color Code:**
Green +Excitation
Black -Excitation
White +Signal
Red -Signal
Yellow Shield
- Warranty:**
One-year limited warranty
- Approvals:**
NTEP
OIML

APPROVALS



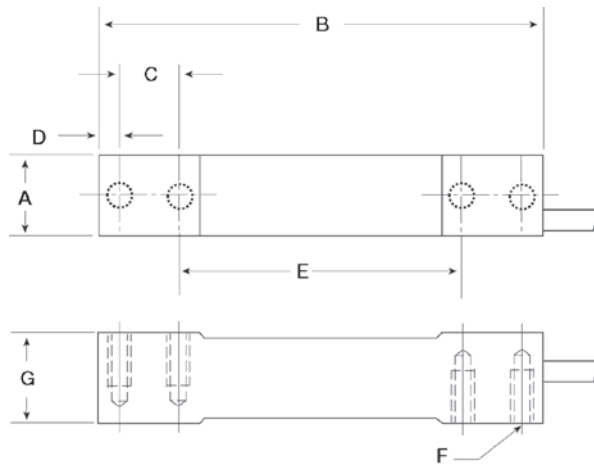
Dimensions

Picture is a representation of actual product

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

Order Information

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



NEW

SINGLE POINT

RLPC4SS-HE

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



APPROVALS



Interchangeable Products

FLINTEC

PC4 page 254

HBM®

PW15AH* page 266

*350 Ohms

Specifications

Full Scale Output:
2 mv/v

Output Resistance:
960 (± 50) ohms

Input Resistance:
1100 (± 50) ohms

Material Finish:
Stainless Steel

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

Seal Type:
Hermetically sealed, IP68

Safe Overload:
150% full scale

Rated Excitation:
5-10 VDC

Insulation Resistance:
Greater than 5,000 megohms

Max Platform Size:
500 mm × 400 mm

Combined Error:
0.02% full scale

Cable Length:
10 ft

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

Warranty:
One-year limited warranty

Approvals:
NTEP
OIML

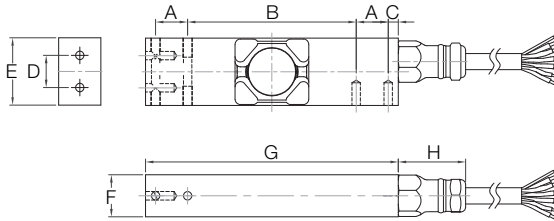
Dimensions

Picture is a representation of actual product

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

Order Information

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



Interchangeable Products

FLINTEC
PC6 page 255

Specifications

- Full Scale Output:**
2.0 mv/v
- Output Resistance:**
960 (± 50) ohm, nominal
- Input Resistance:**
1,100 (± 50) ohm
- Material/Finish:**
Stainless steel
- Temperature:**
Compensated range
14° F to 104° F (-10° C to 40° C)
Operating range
0° F to 150° F (-18° C to 65° C)
- Seal Type:**
Hermetically sealed, IP69K
- Safe Overload:**
200% full scale
- Safe Sideload:**
100% full scale
- Rated Excitation:**
5-10 VDC
- Combined Error:**
0.02% full scale

- Insulation Resistance:**
5,000 megohms
- Cable Length:**
10 ft
- Cable Diameter:**
0.196 in polyurethane jacket
- Cable Color Code:**
Green +Excitation
Black -Excitation
White +Signal
Red -Signal
Yellow Shield

- Max Deflection:**
0.006-0.010 in
- Max Platform Size:**
24 in × 24 in
- Warranty:**
Two-year limited warranty

- Approvals:**
FM
NTEP

APPROVALS



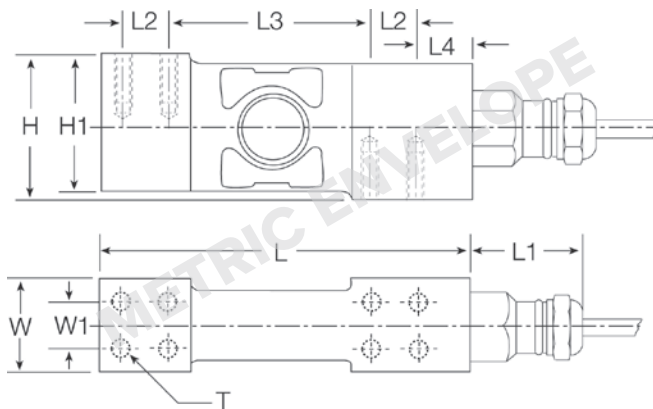
Dimensions

Picture is a representation of actual product

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

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



SINGLE POINT

RLPWM15HE

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



APPROVALS



Interchangeable Products

HBM®
PW15AH..... page 266

Specifications

- Full Scale Output:**
2.0 mV/V
- Output Resistance:**
350 (± 10) ohm
- Input Resistance:**
380 (± 15) ohm
- Material/Finish:**
Stainless steel
- Temperature:**
Compensated range
14°F to 104°F (-10°C to 40°C)
Operating range
0° F to 150° F (-18° C to 65° C)

Seal Type:
Hermetically sealed, IP69K

Safe Overload:
150% full scale

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

Combined Error:
0.02% full scale

Insulation Resistance:
1,000 megohms

Cable Length:
10 ft
2.83 ft

Cable Diameter:
0.212 in PVC jacket

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

Warranty:
Two-year limited warranty

Approvals:
FM
NTEP

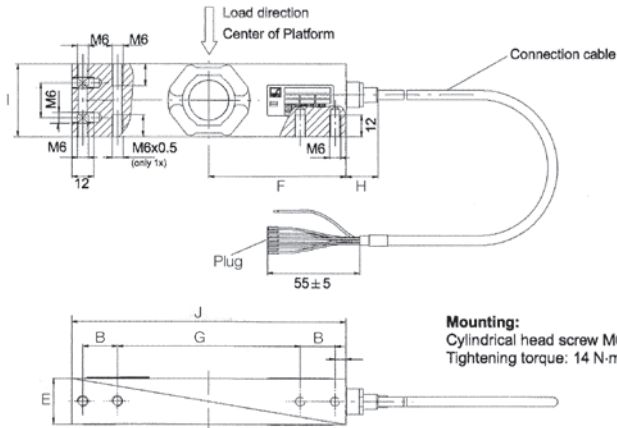
Dimensions

Picture is a representation of actual product

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

Order Information: 10 ft cables

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



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

Interchangeable Products

- HBM®
PW15..... page 265
- VPG® TEDEA-HUNTLEIGH
1142..... page 354

Specifications

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

- Safe Overload:**
150% full scale
- Rated Excitation:**
5-10 VDC (15 V maximum)
- Combined Error:**
0.02% full scale
- Insulation Resistance:**
1,000 megohms
- Cable Length:**
10 ft
- Cable Diameter:**
0.190 in PVC jacket
- Max Platform Size:**
15 in x 15 in
- Cable Color Code:**
Blue +Excitation
Black -Excitation
White +Signal
Red -Signal
Green +Sense
Grey -Sense

Warranty:
Two-year limited warranty

Approvals:
FM
NTEP

APPROVALS



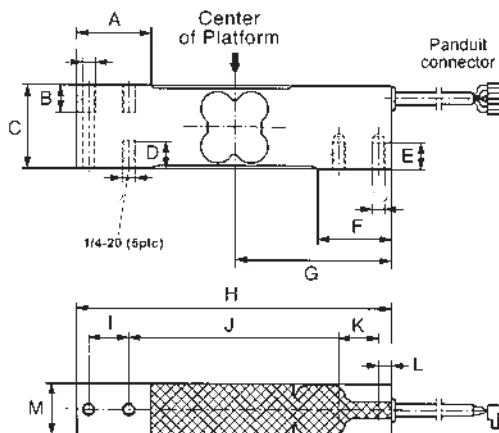
Dimensions

Picture is a representation of actual product

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

Order Information

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



SINGLE POINT

RLPCBC-60

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



APPROVALS



Specifications

- Full Scale Output:**
2 mv/v
- Output Resistance:**
960 (± 50) ohm
- Input Resistance:**
1,100 (± 50) ohm
- Material/Finish:**
Stainless steel
- Temperature:**
Compensated range:
14° F to 104° F (-10° C to 40° C)
Operating range
0° F to 150° F (-18° C to 65° C)
- Seal Type:**
Hermetically sealed, IP69K
- Safe Overload:**
200% full scale
- Safe Sideload:**
100% full scale
- Rated Excitation:**
5-10 VDC
- Combined Error:**
0.020% full scale
- Insulation Resistance:**
5,000 megohms
- Cable Length:**
10 ft
- Cable Diameter:**
0.196 in polyurethane jacket
- Cable Color Code:**
Green +Excitation
Black -Excitation
White +Signal
Red -Signal
Blue +Sense
Brown -Sense
Yellow Shield
- Max Platform Size:**
24 in × 24 in
- Warranty:**
Two-year limited warranty
- Approvals:**
FM
NTEP

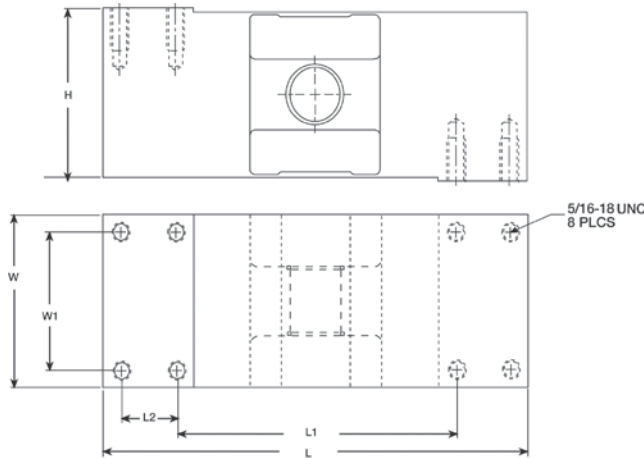
Dimensions

Picture is a representation of actual product

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

Order Information

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



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

Interchangeable Products

- VPG® CELTRON
- LPS** except 3 kg page 234
- VPG® TEDEA-HUNTLEIGH
- 1022** page 346
- VPG® BLH
- C2G1**..... —
- FAIRBANKS®
- 4900 Series**
- Checkweighers**..... —
- NMB®
- C2G1**..... —
- ARTECH®
- 61022**..... —

Specifications

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

APPROVALS



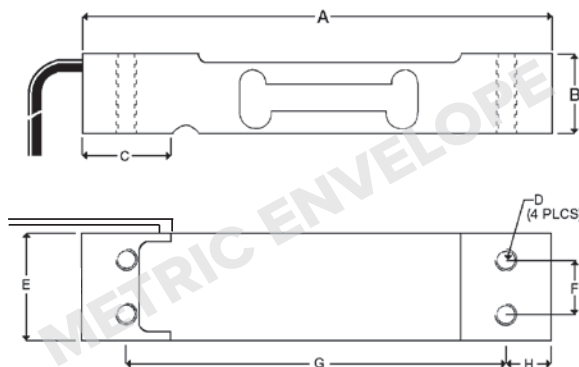
Dimension

Picture is a representation of actual products

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

Order Information:

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



SINGLE POINT
RL1010

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



APPROVALS



Interchangeable Products

VPG® TEDEA-HUNTLEIGH
1010/1015.....page 347

Specifications

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

- Seal Type:**
Potted, IP67
Unpotted, IP65
- Safe Overload:**
150% at center of loading point, full scale
- Rated Excitation:**
5-10 VDC (15 V maximum)
- Combined Error:**
0.02% full scale
- Insulation Resistance:**
5,000 megohms
- Deflection at Capacity:**
3-90 kg=0.015 in

- Cable Length:**
Potted 10ft
Unpotted 3 ft
- Cable Diameter:**
0.200 in PVC jacket
- Cable Color Code:**
Green +Excitation
Black -Excitation
Red +Signal
White -Signal
Blue +Sense
Brown -Sense

- Max Platform Size:**
15.75 in × 15.75 in
- Warranty:**
Two-year limited warranty

- Approvals:**
cFMus
NTEP

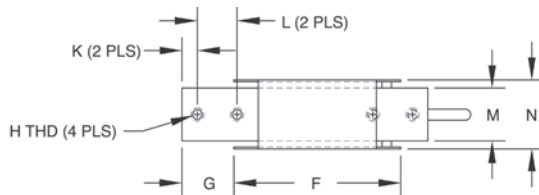
Dimensions

Picture is a representation of actual product

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

Order Information

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



Interchangeable Products

HBM®
SP4M..... page 264

**DISCONTINUED
LIMITED STOCK
AVAILABLE**

Specifications

- Full Scale Output:**
2.0 mV/V
- Output Resistance:**
350 (± 3) ohm
- Input Resistance:**
350 ohm
- Material/Finish:**
Anodized aluminum
- Temperature:**
Compensated range
14°F to 104°F (-10°C to 40°C)
Operating range
0° F to 150° F (-18° C to 65° C)
- Seal Type:**
Environmentally sealed, IP66
- Safe Overload:**
150% full scale
- Rated Excitation:**
5-10 VDC (15 V maximum)
- Combined Error:**
0.02% full scale
- Insulation Resistance:**
5,000 megohms
- 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:**
5-10 kg=12 in × 12 in
15-30 kg=18 in × 18 in
50-100 kg=24 in × 24 in

- Warranty:**
Two-year limited warranty
- Approvals:**
FM
NTEP

APPROVALS



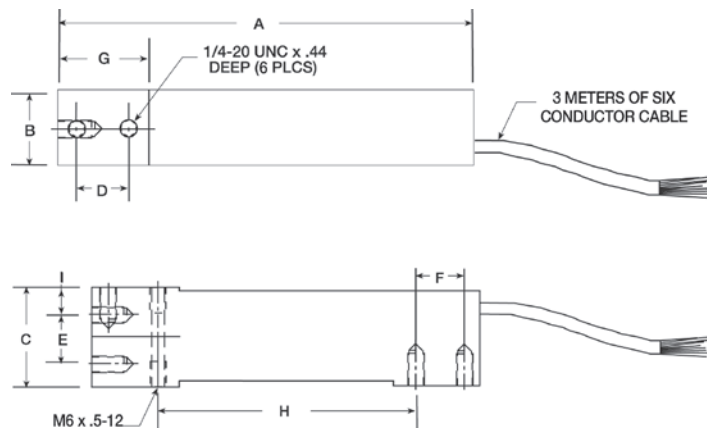
Dimensions

Picture is a representation of actual product

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

Order Information

Load Rating	Part #	Est. Weight	Price
NTEP Certified			
7 kg	91725	2 lb	\$222.00
10 kg	91726	2 lb	\$222.00
15 kg	91727	2 lb	\$222.00
20 kg	91728	2 lb	\$222.00
30 kg	91729	2 lb	\$222.00
50 kg	91730	2 lb	\$222.00
75 kg	91731	2 lb	\$222.00
100 kg	91732	2 lb	\$222.00
Non-NTEP Certified			
5 kg	91724	2 lb	\$222.00



SINGLE POINT

RLPWM12

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

RICE LAKE WEIGHING SYSTEMS

**DISCONTINUED
LIMITED STOCK
AVAILABLE**



APPROVALS



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS
RL1250..... page 204
 VPG® TEDEA-HUNTLEIGH
1250 page 358

Specifications

Full Scale Output:
2.0 mV/V

Output Resistance:
330-450 ohm, nominal

Input Resistance:
300-500 ohm

Material/Finish:
Aluminum

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

Seal Type:
Environmentally sealed, IP67

Safe Overload:
150% full scale

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

Combined Error:
0.02% full scale

Insulation Resistance:
1,000 megohms

Cable Length:
10 ft

Cable Diameter:
0.190 in PVC jacket

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

Warranty:
Two-year limited warranty

Max Platform Size:
30 in × 30 in

Approvals:
FM
NTEP

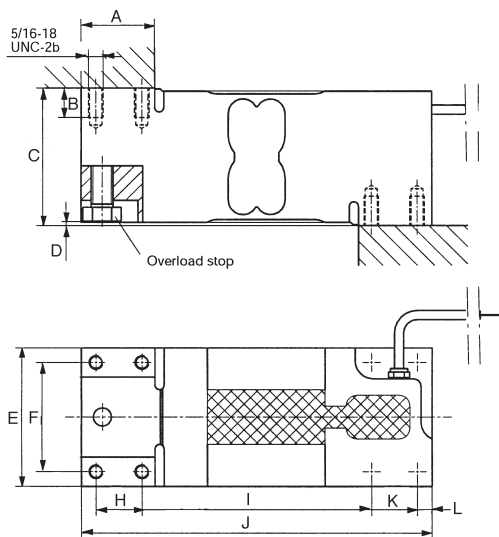
Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	H	I	J	K	L
kg/mm											
50-1,000	40.0	16.0	75.0	1.5	76.0	60.0	25.0	125.0	191.0	25.0	8.0

Order Information

Load Rating	Part #	Est. Weight	Price
50 kg	91674	6 lb	\$334.00
75 kg	91675	6 lb	\$334.00
100 kg	w	6 lb	\$315.00
150 kg	91677	6 lb	\$334.00
200 kg	91678	6 lb	\$315.00
300 kg	91680	6 lb	\$334.00
500 kg	91681	6 lb	\$334.00
1,000 kg	91683	6 lb	\$334.00



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

RICE LAKE

Interchangeable Products

- RICE LAKE WEIGHING SYSTEMS
RL1260 page 201
- VPG® TEDEA-HUNTLEIGH
1260 page 355

**DISCONTINUED
LIMITED STOCK
AVAILABLE**



APPROVALS



Specifications

- Full Scale Output:**
2.0 mV/V
- Output Resistance:**
300-500 ohm
- Input Resistance:**
300-500 ohm
- Material/Finish:**
Aluminum
- Temperature:**
Compensated range
14°F to 104°F (-10°C to 40°C)
Operating range
0° F to 150° F (-18° C to 65° C)

Seal Type:
Environmentally sealed, IP67

Safe Overload:
150% full scale

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

Combined Error:
0.02% full scale

Insulation Resistance:
1,000 megohms

Cable Length:
10 ft

Cable Diameter:
0.190 in PVC jacket

Max Platform Size:
24 in × 24 in

Deflection at Capacity:
50-635 kg <0.6 mm

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

Warranty:
Two-year limited warranty

Approvals:
FM
NTEP

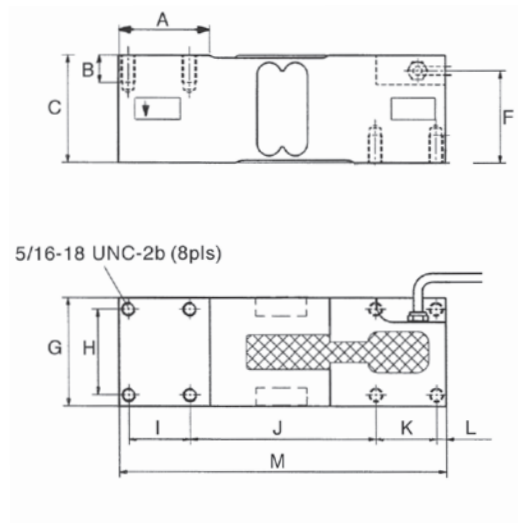
Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	F	G	H	I	J	K	L	M
kg/mm											
50-635	52.0	16.0	62.3	52.3	63.0	50.0	35.0	107.0	35.0	5.5	188.0

Order Information

Load Rating	Part #	Est. Weight	Price
50 kg	91684	5 lb	\$295.00
75 kg	91686	5 lb	\$313.00
100 kg	91687	5 lb	\$295.00
150 kg	91688	5 lb	\$313.00
200 kg	91689	5 lb	\$313.00
250 kg	91690	5 lb	\$295.00
300 kg	91691	5 lb	\$295.00
500 kg	91692	5 lb	\$295.00
635 kg	91693	5 lb	\$295.00



SINGLE POINT
RL1042

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



**DISCONTINUED
LIMITED STOCK
AVAILABLE**

APPROVALS



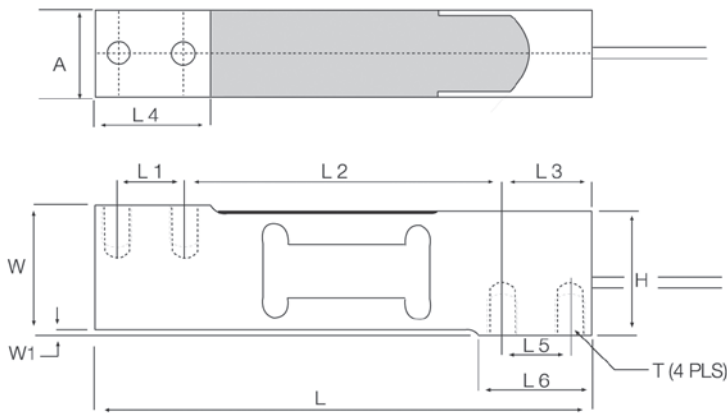
Picture is a representation of actual product

Dimensions

Rated Capacity	A	H	L	L1	L2	L3	L4	L5	L6	W	W1	T
kg/mm												
1-30	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
50-100	25.4	39.0	150.0	19.0	100.0	25.0	34.0	19.0	34.0	40.0	1.0	1/4-20 UNC

Order Information

Load Rating	Part #	Est. Weight	Price
1 kg	40955	1 lb	\$190.00
3 kg	40956	1 lb	\$180.00
5 kg	40957	1 lb	\$180.00
10 kg	40958	1 lb	\$180.00
15 kg	40959	1 lb	\$180.00
20 kg	40960	1 lb	\$180.00
30 kg	40961	1 lb	\$180.00
50 kg	40962	2 lb	\$180.00
75 kg	40963	2 lb	\$180.00
100 kg	40964	2 lb	\$180.00



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS	
RLSP4.....	page 193
VPG® TEDEA-HUNTLEIGH	
1042.....	page 349
HBM®	
SP4M.....	page 264
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 range 14°F to 104°F (-10°C to 40°C)
Operating range 0° F to 150° F (-18° C to 65° C)
- Seal Type:** Environmentally sealed, IP66
- Safe Overload:** 150% full scale
Over-center loading point
- Rated Excitation:** 5-10 VDC (15 V maximum)
- Combined Error:** 0.02% full scale
- Deflection at Capacity:** 1-100 kg=0.015 in
- Insulation Resistance:** 2,000 megohms
- 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
- Platform Size:** 16 in × 16 in
- Warranty:** Two-year limited warranty
- Approvals:** FM
NTEP

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

Interchangeable Products

VPG® TEDEA-HUNTLEIGH
1040 page 350
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 range
14°F to 104°F (-10°C to 40°C)
Operating range
0° F to 150° F (-18° C to 65° C)

Seal Type:
Potted, IP67
Unpotted, IP65

Safe Overload:
200% at center loading point, full scale

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

Combined Error:
0.02% full scale

Insulation Resistance:
2,000 megohms

Deflection at Capacity:
0.4 mm

Cable Length:
10 ft

Cable Diameter:
0.200 in PVC jacket

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

Max Platform Size:
15.75 in × 15.75 in

Warranty:
Two-year limited warranty

Approvals:
cFMus
NTEP

APPROVALS



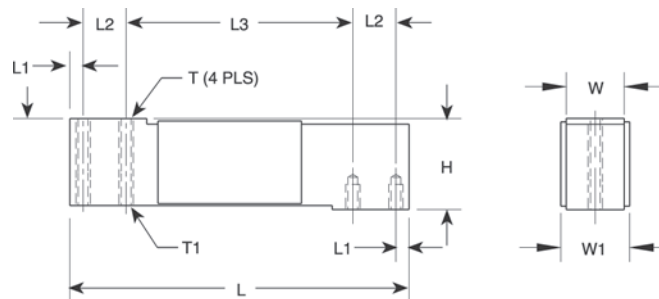
Dimensions

Picture is a representation of actual product

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

Order Information

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



SINGLE POINT
RL1140

Stainless Steel, Environmentally Sealed, Potted IP67



APPROVALS



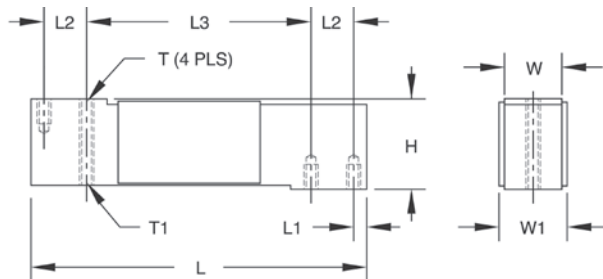
Dimensions

Picture is a representation of actual product

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

Order Information

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



Interchangeable Products

VPG® TEDEA-HUNTLEIGH
1140 page 352

Specifications

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

Interchangeable Products

HBM®
PWS.....page 267

Specifications

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

Warranty:
Two-year limited warranty

Approvals:
FM
NTEP

APPROVALS



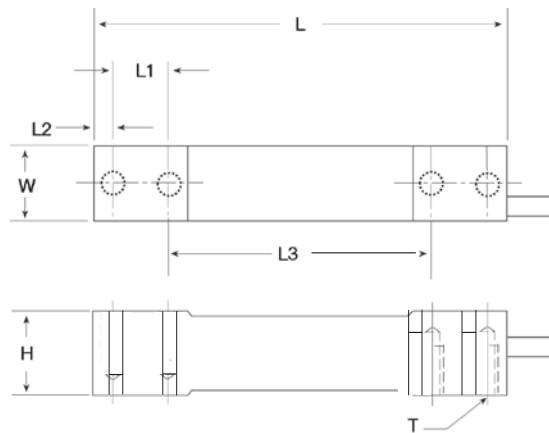
Dimensions

Picture is a representation of actual product

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

Order Information

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



SINGLE POINT
RL1385

Stainless Steel, Environmentally Sealed, NTEP Certified 1:4,500 Class III Single Cell, IP67



APPROVALS



Interchangeable Products

FLINTEC
PC1..... page 252

Specifications

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

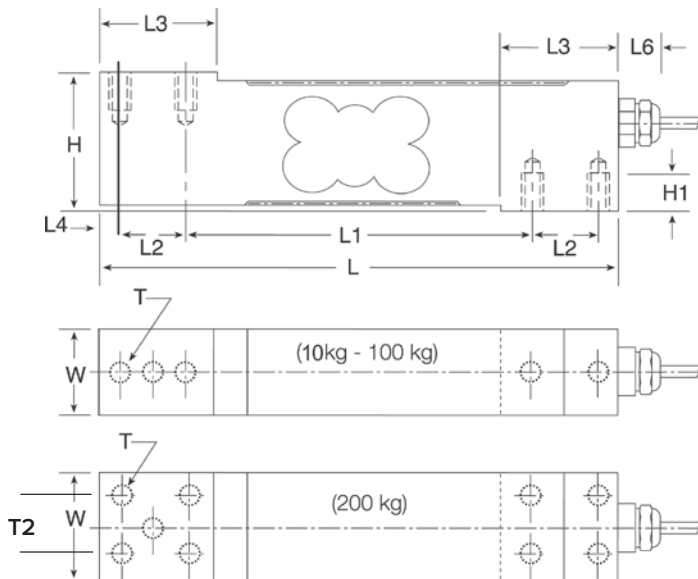
Dimensions

Picture is a representation of actual product

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

Order Information

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

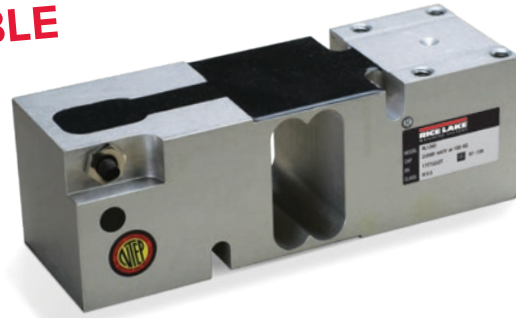


Aluminum, Environmentally Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP67

Interchangeable Products

- RICE LAKE WEIGHING SYSTEMS
- RLPWM16**..... page 195
- VPG® TEDEA-HUNTLEIGH
- 1260**..... page 355

**DISCONTINUED
LIMITED STOCK
AVAILABLE**



APPROVALS



Specifications

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

Seal Type:
Environmentally sealed, IP67

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

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

Combined Error:
0.02% full scale

Insulation Resistance:
5,000 megohms

Cable Length:
10 ft

Cable Diameter:
0.220 in polyurethane jacket

Max Platform Size:
24 in × 24 in

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

Warranty:
Two-year limited warranty

Approvals:
cFMus
NTEP

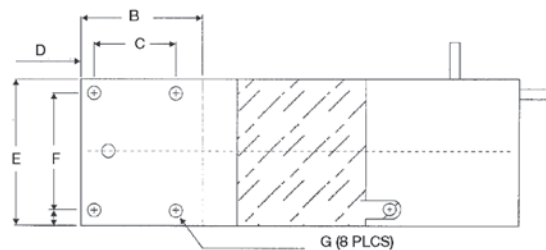
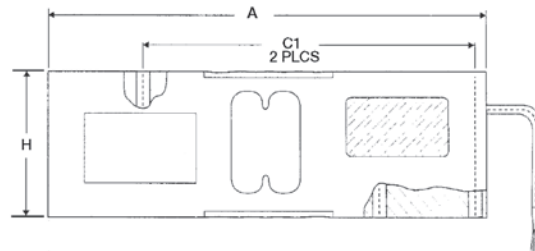
Dimensions

Picture is a representation of actual product

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

Order Information

Load Rating	Part #	Est. Weight	Price
50 kg	41020	5 lb	\$310.00
75 kg	41021	5 lb	\$310.00
100 kg	41022	5 lb	\$310.00
150 kg	158469	5 lb	\$310.00
200 kg	41023	5 lb	\$310.00
250 kg	41024	5 lb	\$310.00
300 kg	41025	5 lb	\$310.00
500 kg	41026	5 lb	\$328.00
635 kg	41027	5 lb	\$310.00



SINGLE POINT

RL260FD

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



APPROVALS



Interchangeable Products

VPG® TEDEA-HUNTLEIGH

240* page 361

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

Seal Type:
Environmentally sealed, IP68

Safe Overload:
200% of full scale

Rated Excitation:
5-10 VDC

Combined Error:
0.017% full scale

Insulation Resistance:
5,000+ megohms

Cable Length:
5 m

Cable Color Code:

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

Warranty:
Two-year limited warranty

Approvals:

- NTEP
- cFMus

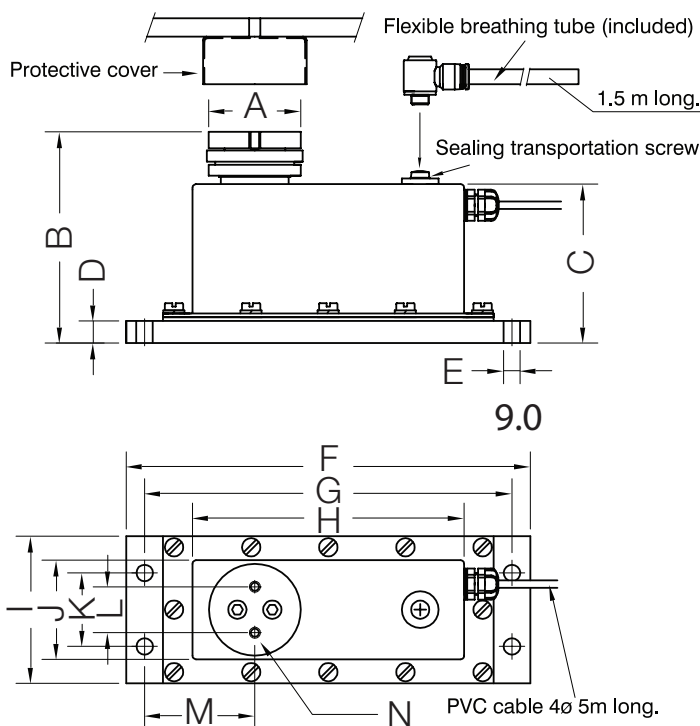
Dimensions

Picture is a representation of actual product

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

Order Information

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



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

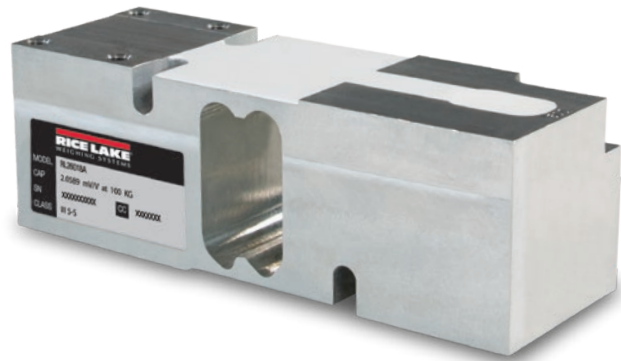
Interchangeable Products

- RICE LAKE WEIGHING SYSTEMS
RL1260 page 201
- RICE LAKE WEIGHING SYSTEMS
RLPWM16 page 195
- VPG® TEDEA-HUNTLEIGH®
1260 page 355

Specifications

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

APPROVALS



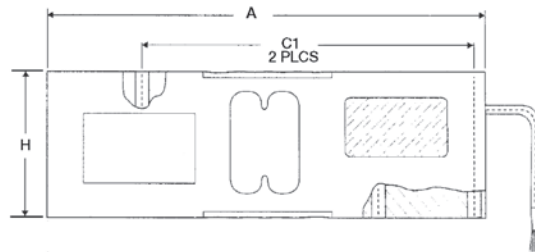
Dimensions

Picture is a representation of actual product

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

Order Information

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



SINGLE POINT
RL1250

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

**DISCONTINUED
LIMITED STOCK
AVAILABLE**



APPROVALS



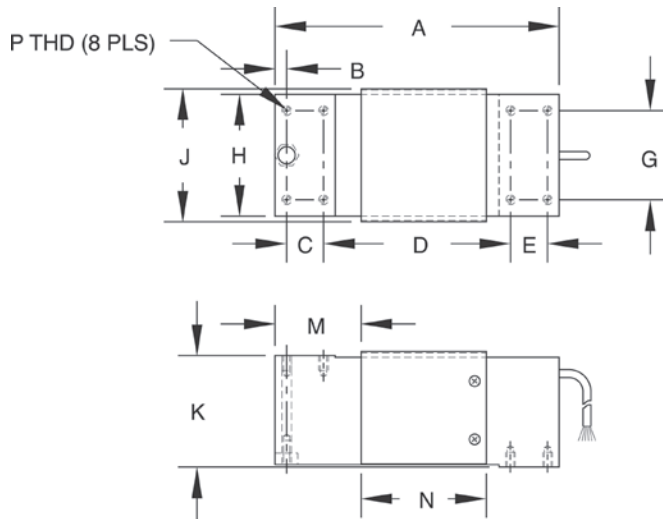
Dimensions

Picture is a representation of actual product

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

Order Information

Load Rating	Part #	Est. Weight	Price
50 kg	32849	7 lb	\$315.00
75 kg	32856	7 lb	\$315.00
100 kg	32855	7 lb	\$315.00
200 kg	32853	7 lb	\$315.00
250 kg	32852	7 lb	\$315.00
300 kg	32851	7 lb	\$315.00
500 kg	32850	7 lb	\$315.00
635 kg	32857	7 lb	\$315.00
1,000 kg	32858	7 lb	\$334.00



Interchangeable Products

- RICE LAKE WEIGHING SYSTEMS
RLPWM12..... page 194
- VPG® TEDEA-HUNTLEIGH
1250 page 358
- FLINTEC
PCB* page 251

*Stainless steel, hermetically sealed

Specifications

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

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

Interchangeable Products

- RICE LAKE WEIGHING SYSTEMS
RL1250..... page 204
- RICE LAKE WEIGHING SYSTEMS
RLPWM12..... page 194
- VPG® TEDEA-HUNTLEIGH®
1250..... page 358

Specifications

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

APPROVALS



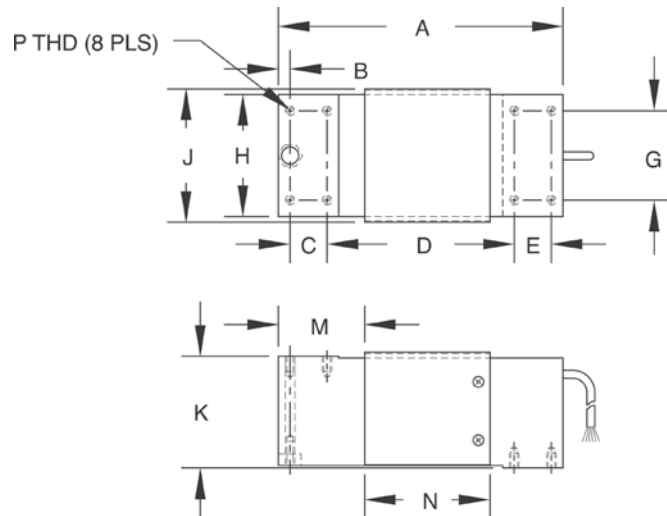
Dimensions

Picture is a representation of actual product

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

Order Information

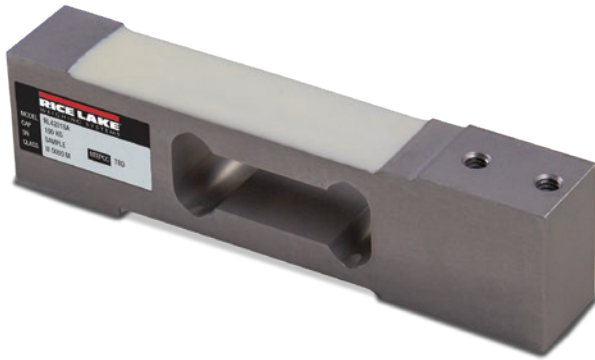
Load Rating	Part #	Est. Weight	Price
50 kg	191096	5 lb	\$328.00
75 kg	191097	5 lb	\$328.00
100 kg	191098	5 lb	\$328.00
150 kg	191099	5 lb	\$328.00
200 kg	191100	5 lb	\$328.00
250 kg	191101	5 lb	\$328.00
300 kg	191102	5 lb <td \$328.00	
500 kg	191103	5 lb	\$328.00
635 kg	191104	5 lb	\$328.00
1,000 kg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



SINGLE POINT

RL42018A

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



APPROVALS



Interchangeable Products

- RICE LAKE WEIGHING SYSTEMS
RL1042.....page 196
- RICE LAKE WEIGHING SYSTEMS
RLSP4.....page 193
- VPG® TEDEA-HUNTLEIGH®
1042.....page 349
- HBM®
SP4M*.....page 264

*Color code is different

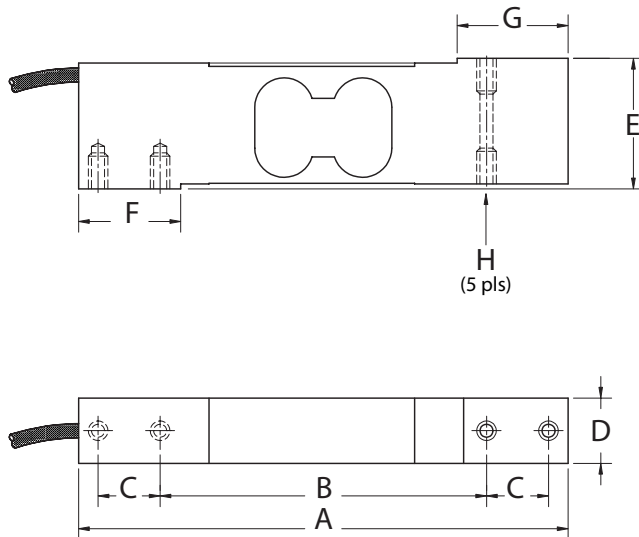
Dimensions

Picture is a representation of actual product

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

Order Information

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



Specifications

- Full Scale Output:**
2.0 mV/V ±10%
- Output Resistance:**
350 (± 3) ohm
- Input Resistance:**
400 (± 20) ohm
- Material/Finish:**
Aluminum
- Temperature:**
Compensated range
14°F to 104°F/-10°C to 40°C
Operating range
0°F to 150°F/-18°C to 65°C
- Seal Type:**
Environmentally sealed, IP66
- Safe Overload:**
150% of full scale at center loading point
- Rated Excitation:**
10 VDC
- Combined Error:**
0.02% full scale
- Insulation Resistance:**
>5,000 megohms
- Deflection:**
0.3-0.5 mm
- Max Platform Size**
400 mm × 400 mm
- Cable Length:**
10 ft
- Cable Color Code:**
Green +Excitation
Black -Excitation
Red +Signal
White -Signal
Blue +Sense
Yellow -Sense
- Platform Size:**
15.75 in × 15.75 in max
- Warranty:**
Two-year limited warranty
- Approvals:**
cFMus
NTEP

Interchangeable Products

AVERY WEIGH-TRONIX®
FLS.....-

**DISCONTINUED
LIMITED STOCK
AVAILABLE**



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 range:
0° F to 150° F (-18° C to 65° C)
- Seal Type:**
Environmentally sealed, IP67
- Safe Overload:**
150% full scale
- Rated Excitation:**
5-15 VDC
- Hysteresis:**
0.02% full scale
- Non-Linearity:**
0.02% full scale
- Insulation Resistance:**
5,000 megohms
- Cable Length:**
10 ft
- Cable Color Code:**
Green +Excitation
Black -Excitation
Red +Signal
White -Signal
- Warranty:**
Two-year limited warranty

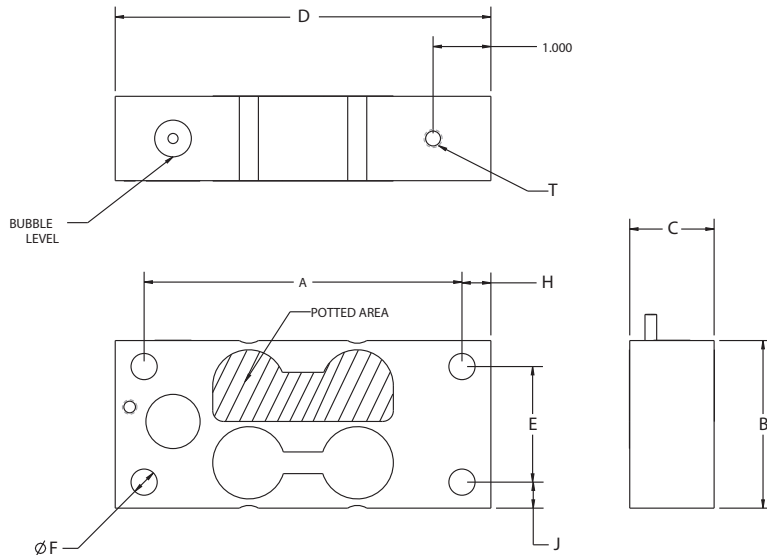
Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	H	J	T
lb/in									
50-75	5.50	2.90	0.74	6.50	2.00	0.50	0.50	0.45	5/16-18 UNC x 0.50

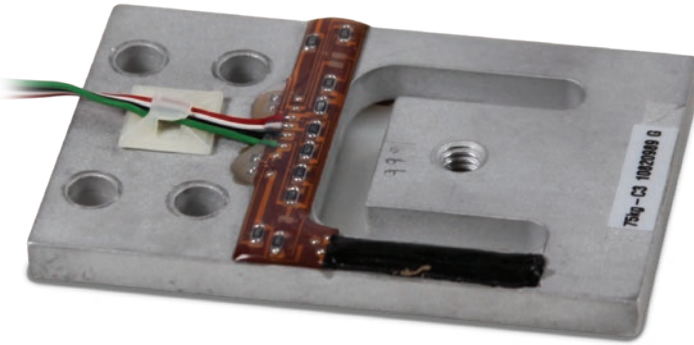
Order Information

Load Rating	Part #	Est. Weight	Price
50 lb	125612	3 lb	\$650.00
75 lb	125613	3 lb	\$650.00



PLANAR BEAM
RLBLP

Aluminum, Environmentally Sealed, IP65



Interchangeable Products

FLINTEC[™]
PB..... page 258

Specifications

- Full Scale Output:**
1.0 mV/V
- Output Resistance:**
1,000 (± 10) ohm
- Input Resistance:**
1,180 (± 50) ohm
- Material/Finish:**
Aluminum
- Temperature:**
Operating range:
0° F to 150° F (-18° C to 65° C)
- Seal Type:**
Environmentally sealed, IP65
- Safe Overload:**
150% full scale
- Rated Excitation:**
5-15 VDC
- Combined Error:**
0.05% full scale
- Insulation Resistance:**
5,000 megohms
- Cable Length:**
15 kg=1.0m
37.5kg, 75kg, 150kg=1.5m
- Cable Color Code:**
Green +Excitation
Black -Excitation
White +Signal
Red -Signal
- Warranty:**
Two-year limited warranty

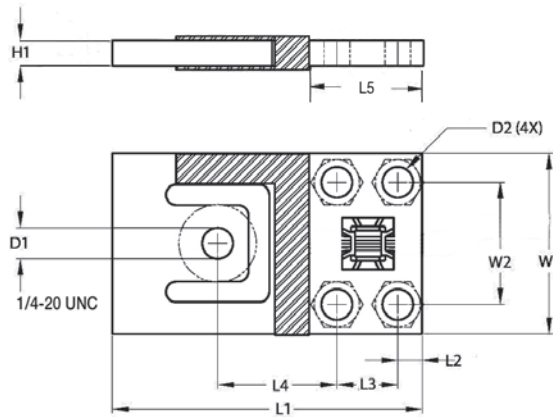
Dimensions

Picture is a representation of actual product

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

Order Information

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



Specifications

Full Scale Output:

3.0 (± 0.1%) mV/V

Bridge Resistance:

350 ohm, nominal

Material/Finish:

Stainless steel

Temperature:

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

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Linearity:

0.05% full scale

Repeatability:

0.03% full scale

Insulation Resistance:

5,000 megohms

Cable Length:

40 ft polyurethane jacket with connection

Cable Diameter:

0.25 in

Cable Color Code:

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

Warranty:

Two-year limited warranty



Dimensions

Picture is a representation of actual product

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

Order Information

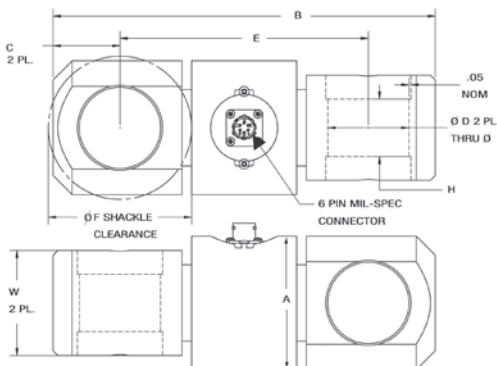
Load Rating	Part #	Est. Weight	Price
5,000 lb	117731	5 lb	\$1,430.00
10,000 lb	117732	5 lb	\$1,430.00
25,000 lb	117733	8 lb	\$1,690.00
50,000 lb	117735	34 lb	\$2,915.00
75,000 lb	117736	34 lb	\$2,915.00
100,000 lb	117737	56 lb	\$3,127.00
150,000 lb	117738	56 lb	\$3,127.00
200,000 lb	117739	95 lb	\$5,565.00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

Replacement Parts

40 ft load cell cable	187132		\$175.00
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Shackles sold in pairs

Load Rating	Part #	Price
5,000 lb-10,000 lb	83450	\$210.00
25,000 lb	83451	\$660.00
50,000 lb	83452	\$975.00
75,000 lb	119279	\$1,680.00
100,000 lb	83453	\$3,075.00
150,000 lb-200,000 lb	83454	\$3,900.00
250,000 lb	83455	\$7,950.00
300,000 lb	83456	\$12,600.00



MSI Load Pin Sensors



Standard Features

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

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

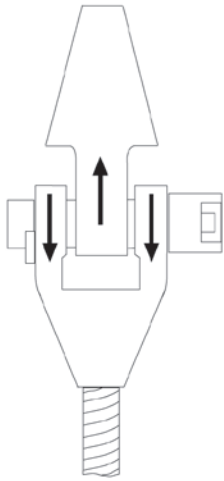
Each strain gauge location is precisely calculated and correctly placed in the optimum concentrated stress area of each installation. This MSI applied engineering process ensures the most efficient and accurate performance for each specific installation.

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

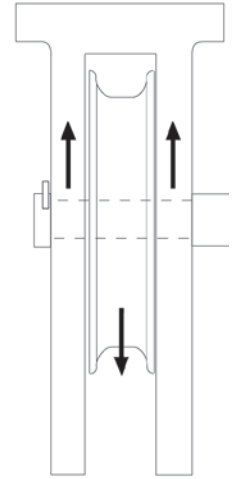
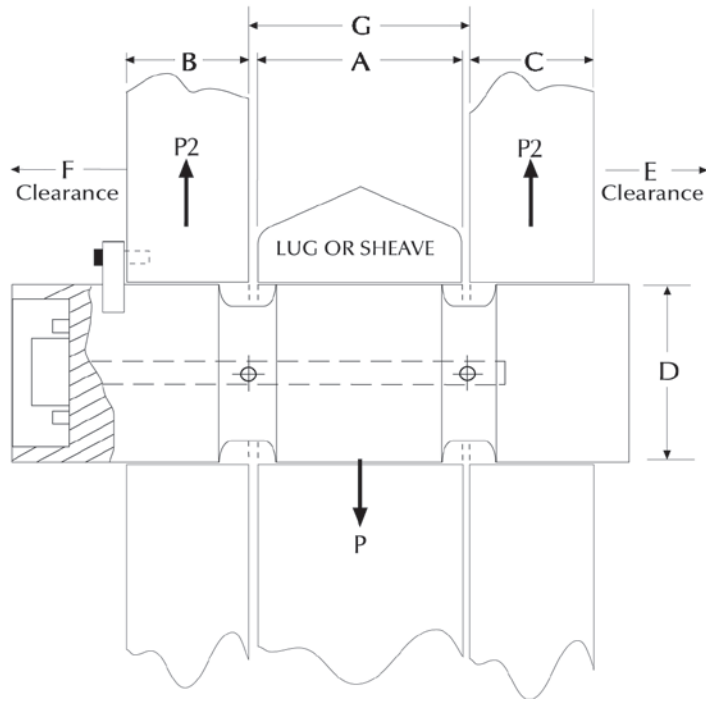
To receive a quotation for a load pin sensor to meet your application requirements, complete the load pin questionnaire also on the next page or online at www.ricelake.com or contact an MSI overhead weighing specialist for further application assistance.

MSI Load Pin Questionnaire

Load Pin Critical Dimensions



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



Sheave/Pulley Load Pins Equalizer/Idler

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

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



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

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

MSI Tension Link Load Cell



Specifications

Input Resistance:

1,500 ohm

Output Resistance:

2,000 ohm

Full Scale Output:

0.8 mV/V

Connector Pin Out:

A: EX+

B: Sig +

C: Sig -

D: EX-

Accuracy:

0.1% sensor accuracy

Material:

4340 steel

Standard Features

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

Additional Options

(Contact MSI for application consultation)

- Crosby® top and bottom shackles

Part Number/Price

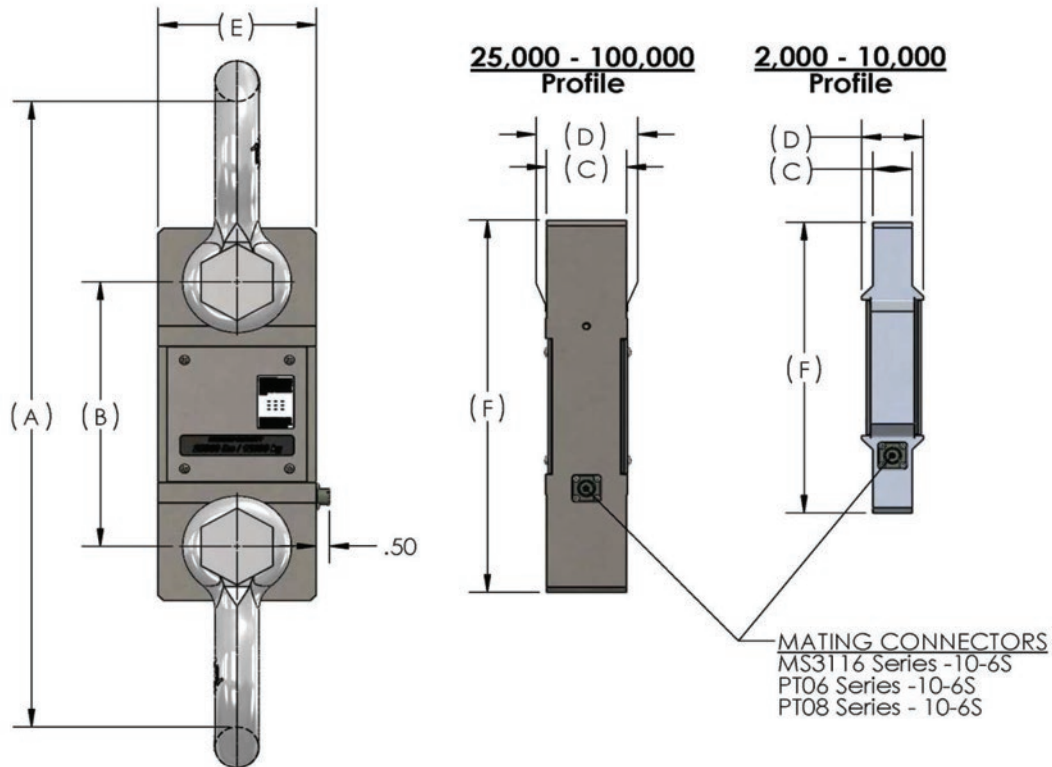
Part #	Description	Price
181907	2K 7200 Style Load Cell Only	Consult
181908	5K 7200 Style Load Cell Only	Consult
181909	10K 7200 Style Load Cell Only	Consult
178093	25K 7200 Style Load Cell Only	Consult
178094	50K 7200 Style Load Cell Only	Consult
181910	100K 7200 Style Load Cell Only	Consult
134505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

Contact factory for higher capacities

MSI Tension Link Load Cell

Dimensions

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



MSI Clamp-On Load Cell



Specifications

System Accuracy of Calibrated Capacity:
3-5%

Material:
4340 steel, zinc plated

Output Resistance:
350 ohm

IP Rating:
IP68

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

Cable Length:
20 ft integral cable with blunt end termination



Optional SCT-2200 transmitter

Standard Features

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

Options

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

Part Number/Price

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

Larger diameter clamp ons available - call for pricing

Dimensions

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

*8mm cable can be used with PN 179080

