

Rice Lake Weighing Systems

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S-BEAMS

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RL20000I, ALLOY STEEL



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



Page 97

RL20000SS, STAINLESS STEEL



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



Page 98

RL20000ST, STAINLESS STEEL



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



Page 99

RL20001I, ALLOY STEEL



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



Page 100

RL20001HE, STAINLESS STEEL



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



Page 101

RLETS, ALLOY STEEL



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



SINGLE-ENDED BEAMS

Page 102

RL32022, ALLOY STEEL



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



RICE LAKE
LOAD CELLS

For Price / Availability
call Central Carolina Scale
919-776-7737

Rice Lake Weighing Systems

SINGLE-ENDED BEAMS

Page 103

RL32022-S, STAINLESS STEEL



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



Page 104

RL32018, ALLOY STEEL



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



Page 105

RL32018, MLC COATED ALLOY STEEL



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



Page 106

RL32018S, STAINLESS STEEL



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



Page 107

RL32018S-P, STAINLESS STEEL



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



Page 108

RL32018S-HE, STAINLESS STEEL



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



Page 109

RL32019S-HE, STAINLESS STEEL



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



Page 110

RL32218S-HE, STAINLESS STEEL



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



Page 111

RL9018SS, STAINLESS STEEL



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



Rice Lake Weighing Systems

SINGLE-ENDED BEAMS

Page 112

RL30000I, ALLOY STEEL



This threaded hole, single-ended beam is designed for low-profile scales and process applications. NTEP Certified cells in capacities ranging from 1,000 lb to 10,000 lb. Non-NTEP Certified cells in 250 lb, 500 lb and 20,000 lb capacities. Complete with 20 ft of load cell cable.



Page 113

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.



Page 114

RLH35, STAINLESS STEEL



Stainless steel construction and integral mounting foot allows dimensional and electrical interchangeability with several load cell manufacturers. Available in a 500 lb capacity with 20 ft of load cell cable.



Page 115

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 116

RL32018S-T, STAINLESS STEEL



Replacement for the RL30745 load cell used in RLTM weigh modules and for the Mettler Toledo® model 745. Complete with 15 ft or 30 ft cable. NTEP Certified and FM approved. Capacities available from 500 lb to 10,000 lb.



Page 117

RL35023S, MLC COATED STAINLESS STEEL



A version of the RL35023S stainless steel load cell but with the added protection of a proprietary coating. This coating protects the load cell against dry chemical applications that would normally cause standard stainless steel load cells to fail. Capacities available from 1,000 lb to 10,000 lb.



Page 118

RLHTO, STAINLESS STEEL



Low profile, hermetic sealing and high accuracy makes the RLHTO suitable for low-profile platforms, pallet truck weighers, tanks and silos. Capacities available from 500 kg to 5,000 kg.



Page 119

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.



Page 120

RLSB250/RLSB250T, STAINLESS STEEL



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



RICE LAKE
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SINGLE-ENDED BEAMS

Page 121

RL50219SS, STAINLESS STEEL



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

Page 122

RL50210, ALLOY STEEL



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



Page 123

RL40BBS, ALLOY STEEL



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

Page 124

RL32011WB-L, STAINLESS STEEL



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



Page 125

RL32011WB-T, STAINLESS STEEL



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



DOUBLE-ENDED BEAMS

Page 126

RL72020, ALLOY STEEL



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



Page 127

RL72020SS, STAINLESS STEEL



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



Page 128

RL72020, MLC COATED ALLOY STEEL



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



Rice Lake Weighing Systems

DOUBLE-ENDED BEAMS

Page 129

RL72019SS, STAINLESS STEEL



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



Page 130

RL77032, ALLOY STEEL



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



Page 131

RL77032SS, STAINLESS STEEL



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



Page 132

RL77032SS HE, 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 75,000 lb. Complete with 25 ft of load cell cable.



Page 133

RL75016, ALLOY STEEL



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



Page 134

RL75016, MLC COATED ALLOY STEEL



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



Page 135

RL75016SS, STAINLESS STEEL



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



Page 136

RL75016SS-W, STAINLESS STEEL



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

DISCONTINUED

RICE LAKE
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DOUBLE-ENDED BEAMS

Page 137

RL75016WHE, STAINLESS STEEL



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



Page 138

RL75058I, FOR RICE LAKE COIL SCALE



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



Page 139

RL75058-LP, ALLOY STEEL



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



Page 140

RL75058S-LP, STAINLESS STEEL



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



Page 141

RL75060S, STAINLESS STEEL



Provides durability and accuracy in high-capacity process measurement and control ideal for vehicle weighing in harsh environments. Unilink and Translink cable standard and available. 10,000 lb capacity with 35 ft of cable and 25,000 lb with 60 ft of cable.



Page 142

RL75223, ALLOY STEEL



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



Page 143

RLDB50000S, STAINLESS STEEL



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



Page 144

RL75040, ALLOY STEEL



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



Rice Lake Weighing Systems

COMPRESSION CANISTERS

Page 145

RLCSP1, STAINLESS STEEL



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



Page 146

RL8C2P1SST, STAINLESS STEEL



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



ROCKER COLUMN

Page 147

RL82021, STAINLESS STEEL



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



Page 148

RLSCA-50K, STAINLESS STEEL



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



Page 149

RL70510/RL80453, STAINLESS STEEL



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



Page 150

RL75114-50K, STAINLESS STEEL



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



COMPRESSION DISK

Page 151

RL90000, ALLOY STEEL



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



RICE LAKE
LOAD CELLS

Rice Lake Weighing Systems

SINGLE POINTS

Page 152

RLPC3SS, STAINLESS STEEL



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



Page 153

RLPC4SS-HE, STAINLESS STEEL



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



Page 154

RLPC6, STAINLESS STEEL



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



Page 155

RLPWM15HE, STAINLESS STEEL



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



Page 156

RLPWM15, STAINLESS STEEL



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



Page 157

RLPCBC-60, STAINLESS STEEL



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



Page 158

RL1521A, ALUMINUM



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



Page 159

RL1010, ALUMINUM



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



Rice Lake Weighing Systems

SINGLE POINTS

Page 160

RLSP4, ALUMINUM



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



Page 161

RLPWM12, ALUMINUM



The RLPWM12 is ideal for platform weighing scales and other low-capacity beam applications. An aluminum single-point load cell with capacities of 50 kg and 100 kg available, the load cell is NTEP Certified. Complete with 10 ft of load cell cable.



Page 162

RLPWM16, ALUMINUM



A single-point aluminum load cell with 7 kg capacity. The load cell has a potted cavity and offers excellent performance in damp environments. Complete with 10 ft of load cell cable.



Page 163

RL1042, ALUMINUM



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



Page 164

RL1040, ALUMINUM



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



Page 165

RL1140, STAINLESS STEEL



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



Page 166

RL1380, STAINLESS STEEL



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



Page 167

RL1385, STAINLESS STEEL



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



RICE LAKE
LOAD CELLS

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SINGLE POINTS

Page 168

RL260FD, STAINLESS STEEL



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



Page 169

RL26018A, ALUMINUM



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



Page 170

RL1218A, ALUMINUM



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



Page 171

RL42018A, ALUMINUM



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



Page 172

RLFLS, STAINLESS STEEL



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

DISCONTINUED

PLANAR BEAMS

Page 173

RLBLP, ALUMINUM



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

TENSION LINK

Page 174

RL2010 TENSION LINK



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

Rice Lake Weighing Systems

MSI

Page 175

MSI LOAD PIN SENSORS



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

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MSI LOAD PIN QUESTIONNAIRE

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

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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 to accommodate most common wire ropes, 3/8 inch to 1/2 inch and 9/16 inch to 3/4 inch, the MSI Clamp-on installs quickly and easily to the wire rope dead end. Weight-based setpoints can be used to communicate with crane electronics providing operator alerts and safety shutoffs based on unsafe load conditions.

RICE LAKE
LOAD CELLS

S-BEAM

RL20000I

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



Picture is a representation of actual product.

Approvals



Order Information

Load Rating	Part #	Est. Weight	Price
25 lb	21428	2 lb	\$290.00
50 lb	21429	2 lb	\$290.00
75 lb	21430	2 lb	\$290.00
100 lb	21431	2 lb	\$290.00
150 lb	21432	2 lb	\$290.00
200 lb	21433	2 lb	\$290.00
250 lb	21434	2 lb	\$290.00
300 lb	21435	2 lb	\$290.00
500 lb	21436	2 lb	\$290.00
750 lb	21437	2 lb	\$290.00
1,000 lb	21438	2 lb	\$290.00
1,500 lb	21439	2 lb	\$290.00
2,000 lb***	21356	2 lb	\$358.00
2,000 lb	21440	2 lb	\$290.00
2,500 lb	21441	2 lb	\$290.00
3,000 lb	21442	4 lb	\$334.00
5,000 lb***	17044	4 lb	\$505.00
5,000 lb	21443	4 lb	\$466.00
10,000 lb	21444	4 lb	\$466.00
15,000 lb	21445	7 lb	\$588.00
20,000 lb***	17045	17 lb	\$993.00
20,000 lb	21446	17 lb	\$927.00
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
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

Dimensions

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

Interchangeable Products

ARTECH®

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

Weigh Module Available

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

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

350 (± 3) ohm

Input Resistance:

385 (± 5) ohm

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

20 ft

30 ft (pn 17044 and 17045)

35 ft (pn 21356)

Cable Diameter:

0.200 in

Polyurethane jacket

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

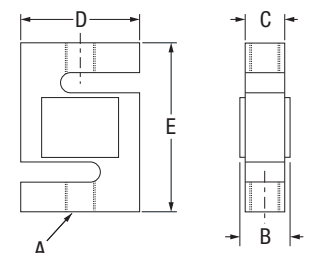
Warranty:

Two-year limited

Approvals:

NTEP 90-158

cFMus



S-BEAM

RL20000SS

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



Picture is a representation of actual product.

Approvals



Order Information

Load Rating	Part #	Est. Weight	Price
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

Dimensions

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

Interchangeable Products

VPG® REVERE

9363 page 244

ARTECH®

20210

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

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

Specifications

Full Scale Output:

3.0 (± 0.008) mV/V

Output Resistance:

350 (± 3.5) ohm

Input Resistance:

390 (± 15) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.03% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

20 ft

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

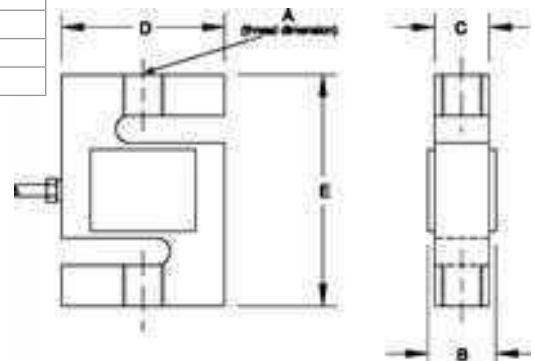
Warranty:

Two-year limited

Approvals:

NTEP 98-078

cFMus

RICE LAKE
LOAD CELLS

S-BEAM

RL20000ST

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



Picture is a representation of actual product.

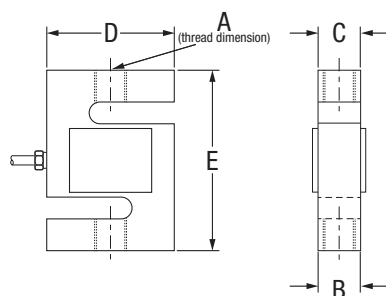
Approvals**Order Information**

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

Dimensions

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

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

3.0 mV/V

Output Resistance:

350 (± 3.5) ohm

Input Resistance:

430 (± 60) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.03% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

20 ft

Cable Diameter:

0.190 in

Polyurethane jacket

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited

Approvals:

NTEP 03-007

FM

S-BEAM

RL2000II

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



Picture is a representation of actual product.

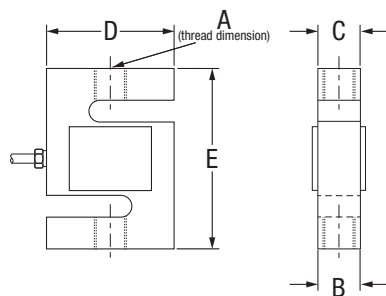
Approvals**Order Information**

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

Dimensions

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

**Interchangeable Products**

VPG® CELTRON®

STC.....page 188

VPG® SENSORTRONICS®

60001.....page 275**Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS

ITCM Isolated**Tension Cell Mount**..... page 38**Specifications****Full Scale Output:**

3.0 mV/V

Output Resistance:

350 (± 3) ohm

Input Resistance:

385 (± 5) ohm

Material/Finish:

High-alloy steel, nickel plated

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

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VAC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

20 ft

Cable Diameter:0.200 in
Polyurethane jacket**Cable Color Code:**Red +Excitation
Black -Excitation
Green +Signal
White -Signal**Warranty:**

Two-year limited

Approvals:cFMus
NTEP 91-046RICE LAKE
LOAD CELLS

S-BEAM

RL20001HE

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



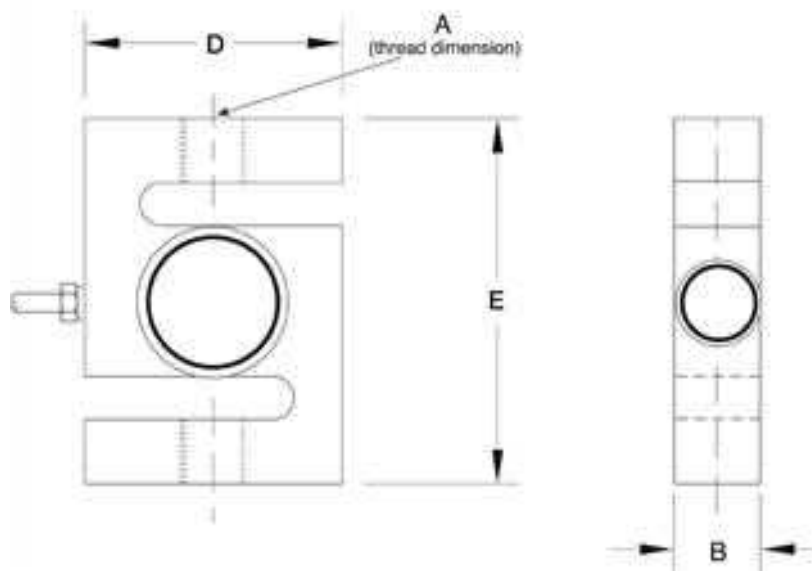
Picture is a representation of actual product.

Approvals**Order Information**

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

Dimensions

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

**Interchangeable Products**

VPG® SENSORTRONICS®

60063page 277**Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS

**ITCM HE Isolated
Tension Cell Mount**..... page 40**Specifications****Full Scale Output:**

2.0 mV/V

Bridge Resistance:

350 ohm, nominal

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Welded-seal, IP68

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

20 ft

Cable Diameter:

0.200 in

Polyurethane jacket

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited

Approvals:

cFMus

NTEP 98-071

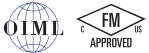
S-BEAM

RLETS

Alloy Steel, Environmentally Sealed, OIML C3, IP67



Picture is a representation of actual product.

Approvals**Order Information**

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

Dimensions

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

Specifications**Full Scale Output:**

3.0 mV/V ± 0.25%

Bridge Resistance:

350 ohm, nominal

Material/Finish:

Alloy steel

Temperature:

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VAC/DC (15V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

6 m

Cable Diameter:

0.200 in

Polyurethane jacket

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

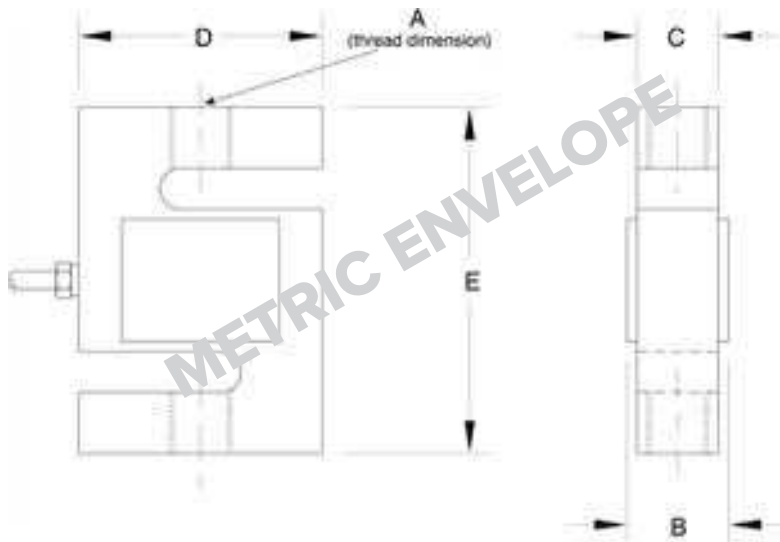
Warranty:

Two-year limited

Approvals:

cFMus

OIML R60/1991-GB-95-09

RICE LAKE
LOAD CELLS

SINGLE-ENDED BEAM

RL32022

Alloy Steel, Environmentally Sealed, OIML C3, IP67



Picture is a repr

Approvals



Order Information

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

Dimensions

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

Specifications

Full Scale Output:2.0 mV/V \pm 0.05%
mV/V/ohm calibration**Output Resistance:**350 (\pm 3) ohm**Input Resistance:**400 (\pm 20) ohm**Material/Finish:**

Alloy steel, nickel plated

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

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

10 VDC (15 V maximum)

Combined Error:

0.017% full scale

Insulation Resistance:

> 5,000 megohm

Deflection at Capacity:

0.2 to 0.4 mm

Cable Length:

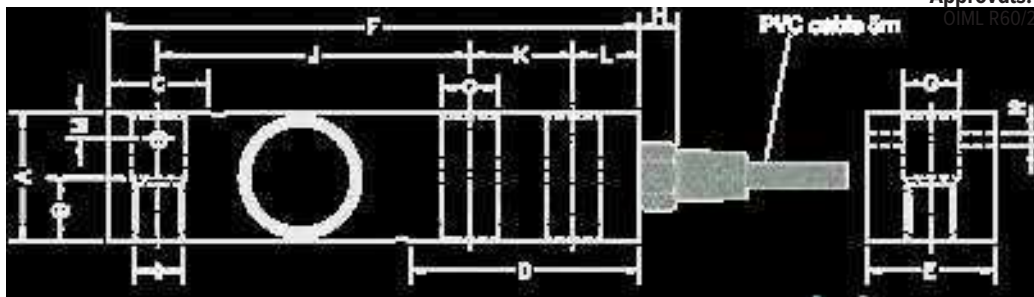
5 m

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

Two-year limited

Approvals:

OIML R60/2017-A-NL1-22.11

RICE LAKE
LOAD CELLS

SINGLE-ENDED BEAM

RL32022-S

Stainless Steel, Hermetically Sealed, OIML C3, IP69K



Approvals



Order Information

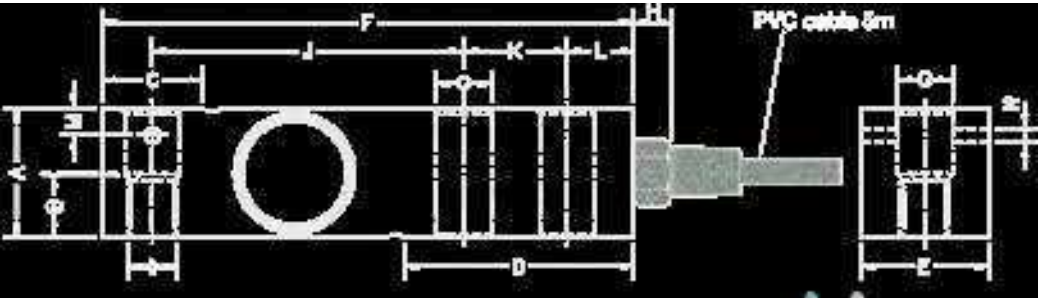
Load Rating	Part #	Est. Weight	Price
300 kg	211636	0.9 kg	\$350.00
500 kg	211637	0.9 kg	\$350.00
750 kg	211638	0.9 kg	\$350.00
1,000 kg	211639	0.9 kg	\$350.00
1,500 kg	211640	0.9 kg	\$350.00
2,000 kg	211641	0.9 kg	\$350.00
3,000 kg	211642	2.2 kg	\$445.00
5,000 kg	211643	2.2 kg	\$445.00

Dimensions

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

Specifications

- Full Scale Output:**
2.0 mV/V \pm 0.05%
mV/V/ohm calibration
- Output Resistance:**
350 (\pm 3) ohm
- Input Resistance:**
400 (\pm 20) ohm
- Material/Finish:**
Stainless steel
- Temperature:**
Compensated:
-14 °F to 104 °F (-10 °C to 40 °C)
Operating:
0 °F to 150 °F (-18 °C to 65 °C)
- Seal Type:**
Hermetically sealed, IP69K
- Safe Overload:**
150% full scale
- Safe Sideload:**
100% full scale
- Rated Excitation:**
10 VDC (15 V maximum)
- Combined Error:**
0.017% full scale
- Insulation Resistance:**
> 5,000 megohm
- Deflection at Capacity:**
0.2 to 0.4 mm
- Cable Length:**
5 m
- Cable Color Code:**
Green +Excitation
Black -Excitation
Red +Signal
White -Signal
- Warranty:**
Two-year limited
- Approvals:**
OIML



RICE LAKE
LOAD CELLS

SINGLE-ENDED BEAM

RL32018

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



Picture is a representation of actual product.

Approvals



Order Information

Load Rating	Part #	Est. Weight	Price
NTEP Certified			
500 lb	189151	2 lb	\$312.00
1,000 lb	189152	2 lb	\$312.00
1,500 lb	191732	2 lb	\$312.00
2,000 lb	189153	2 lb	\$312.00
2,500 lb	189154	2 lb	\$312.00
3,000 lb	189155	5 lb	\$312.00
4,000 lb	189156	5 lb	\$312.00
5,000 lb SE	189157	5 lb	\$312.00
5,000 lb LE	189158	5 lb	\$398.00
10,000 lb	189159	5 lb	\$398.00
Non-NTEP Certified			
250 lb	189150	2 lb	\$312.00
15,000 lb*	189160	10 lb	\$683.00
20,000 lb*	189161	10 lb	\$683.00
With Overbraided Cable			
2,500 lb	209166	10 lb	\$350.00
20,000 lb*	197558	10 lb	\$768.00

SE=small envelope; LE=large envelope

* Pending NTEP

Dimensions

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

Interchangeable Products

VPG® SENSORTRONICS®

65023A.....page 281

VPG® CELTRON®

SQB.....page 191

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL50210TA.....page 41

RICE LAKE WEIGHING SYSTEMS

RL1800 Series.....page 52

Specifications

Full Scale Output:

3.0 mV/V ± 0.05%
mV/V/ohm calibration

Output Resistance:

350 (± 3) ohm

Input Resistance:

400 (± 20) ohm

Material/Finish:

Alloy steel, nickel plated

Temperature:

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

Seal Type:

Environmentally sealed, IP66

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

10 VDC (15 V maximum)

Combined Error:

0.017% full scale

Insulation Resistance:

> 5,000 megohm

Deflection at Capacity:

0.2 to 0.4 mm

Cable Length:

20 ft

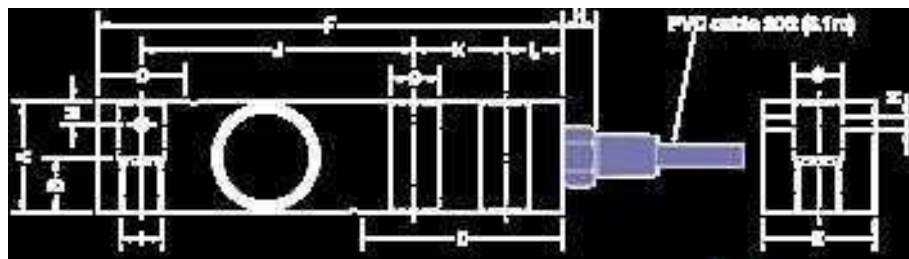
Cable Color Code:

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

Warranty:

Two-year limited

Approvals:

NTEP 18-106
cFMus FM18US0307X

SINGLE-ENDED BEAM

RL32018 MLC Coated

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



Picture is a representation of actual product.

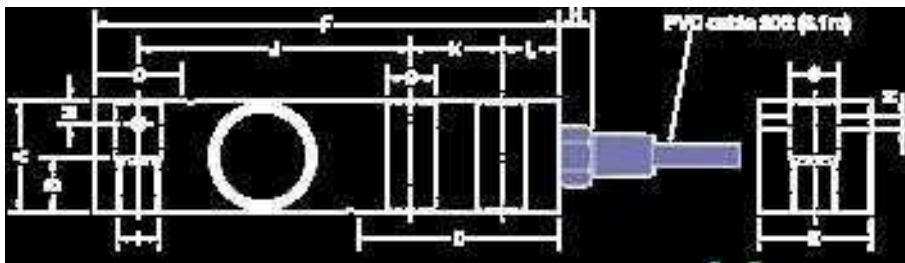
Approvals**Order Information**

Load Rating	Part #	Est. Weight	Price
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

Dimensions

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

**Interchangeable Products**

VPG® SENSORTRONICS®

65023A.....page 281

VPG® CELTRON®

SQB.....page 191**Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS

RL50210TA.....page 41

RICE LAKE WEIGHING SYSTEMS

RL1800 Series.....page 54**Specifications****Full Scale Output:**3.0 mV/V ± 0.05%
mV/V/ohm calibration**Output Resistance:**

350 (± 3) ohm

Input Resistance:

400 (± 20) ohm

Material/Finish:

Alloy steel, nickel plated, coated

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

Environmentally sealed, IP66

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

10 VDC (15 V maximum)

Combined Error:

0.017% full scale

Insulation Resistance:

> 5,000 megohm

Deflection at Capacity:

0.2 to 0.4 mm

Cable Length:

20 ft

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

Two-year limited

Approvals:cFMus
NTEP 18-106RICE LAKE
LOAD CELLS

SINGLE-ENDED BEAM

RL32018S

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



Picture is a representation of actual product.

Approvals



Order Information

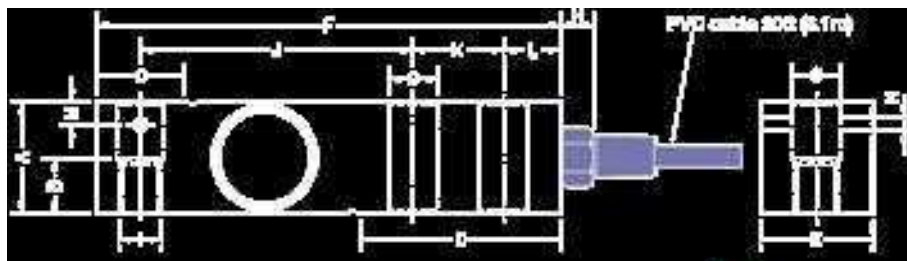
Load Rating	Part #	Est. Weight	Price
NTEP Certified			
500 lb	189163	3 lb	\$344.00
1,000 lb	189164	3 lb	\$344.00
2,000 lb	189165	3 lb	\$344.00
2,500 lb	189166	3 lb	\$344.00
4,000 lb	189167	3 lb	\$344.00
5,000 lb SE	189168	3 lb	\$344.00
5,000 lb LE	189169	5 lb	\$440.00
10,000 lb	189170	5 lb	\$440.00
Non-NTEP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

SE=small envelope; LE=large envelope

*Pending NTEP

Dimensions

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



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL35023S page 117

VPG® SENSORTRONICS®

65023S page 283

VPG SENSORTRONICS

65023SS page 282

VPG® CELTRON®

SQB-HSS page 192

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL50210TA page 41

RICE LAKE WEIGHING SYSTEMS

RL1800 Series page 52

Specifications

Full Scale Output:3.0 mV/V \pm 0.05%
mV/V/ohm calibration**Output Resistance:**350 (\pm 3) ohm**Input Resistance:**400 (\pm 20) ohm**Material/Finish:**

Stainless steel

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

Environmentally sealed, IP66

Safe Overload:

150% full scale

Rated Excitation:

10 VDC (15 V maximum)

Combined Error:

0.017% full scale

Insulation Resistance:

> 5,000 megohm

Deflection at Capacity:

0.2 to 0.4 mm

Cable Length:

20 ft

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

Two-year limited

Approvals:cFMus
NTEP 18-106

SINGLE-ENDED BEAM RL32018S-P

Stainless Steel, Hermetically Sealed, IP69K



Picture is a representation of actual product.

Approvals



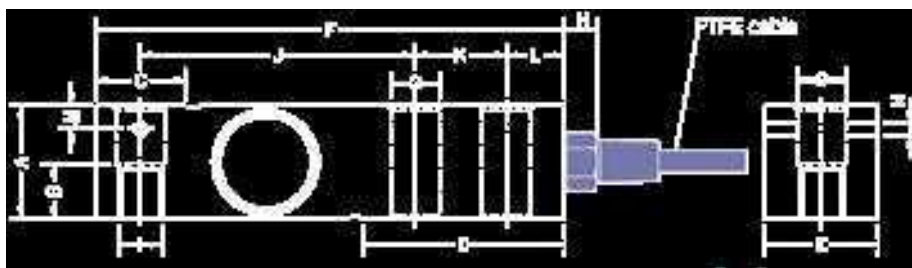
Order Information

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

SE=small envelope; LE=large envelope

Dimensions

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



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL32018S-HE.....page 108

VPG® SENSORTRONICS®

65083.....page 284

VPG® CELTRON®

SQB-HSS.....page 192

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL1800 Series.....page 52

Specifications

Full Scale Output:

3.0 mV/V ± 0.05%
mV/V/ohm calibration

Output Resistance:

350 (± 3) ohm

Input Resistance:

400 (± 20) ohm

Material/Finish:

Stainless steel

Temperature:

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

Seal Type:

Hermetically sealed, IP69K

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

10 VDC (15 V maximum)

Combined Error:

0.017% full scale

Insulation Resistance:

> 5,000 megohm

Deflection at Capacity:

0.2 to 0.4 mm

Cable Length:

20 ft PTFE cable

Cable Color Code:

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

Warranty:

Two-year limited

Approvals:

cFMus

RICE LAKE
LOAD CELLS

SINGLE-ENDED BEAM

RL32018S-HE

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



Picture is a representation of actual product.

Approvals



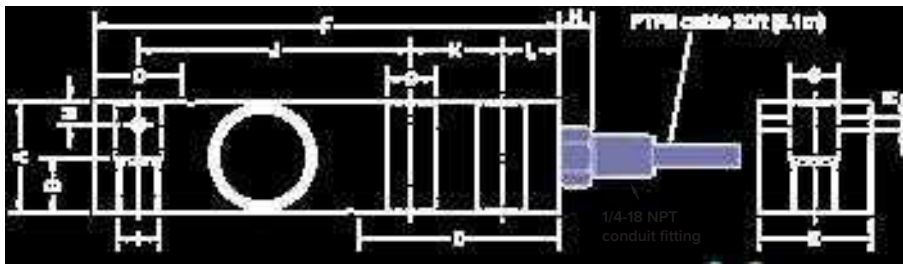
Order Information

Load Rating	Part #	Est. Weight	Price
500 lb	189175	3 lb	\$429.00
1,000 lb	189176	3 lb	\$429.00
2,000 lb	189178	3 lb	\$429.00
2,500 lb	189179	3 lb	\$429.00
4,000 lb	189181	3 lb	\$429.00
5,000 lb SE	208667	3 lb	\$429.00
5,000 lb LE	189182	5 lb	\$477.00
10,000 lb	189183	5 lb	\$477.00

SE=small envelope; LE=large envelope

Dimensions

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



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL32018S-P (non-NTEP) . page 107

VPG® SENSORTRONICS®

65083..... page 284

VPG® CELTRON®

SQB-HSS page 192

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL1800 Series page 52

Specifications

Full Scale Output:3.0 mV/V \pm 0.05%
mV/V/ohm calibration**Output Resistance:**350 (\pm 3) ohm**Input Resistance:**400 (\pm 20) ohm**Material/Finish:**

Stainless steel

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

Hermetically sealed, IP69K

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.017% full scale

Insulation Resistance:

> 5,000 megohm

Cable Length:

20 ft PTFE cable

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

Two-year limited

Approvals:cFMus
NTEP 18-106

SINGLE-ENDED BEAM RL32019S-HE

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



Picture is a representation of actual product.

Approvals



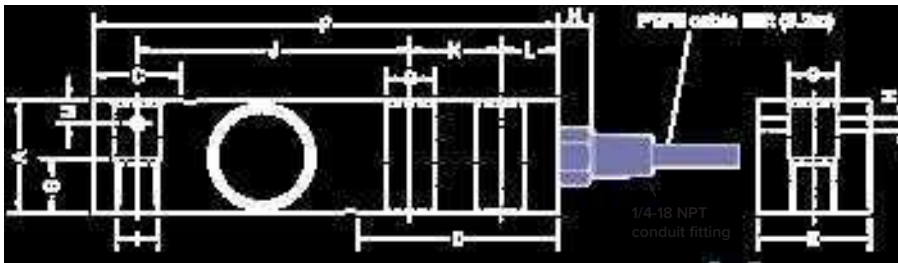
Order Information

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

SE=small envelope; LE=large envelope

Dimensions

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



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL35082

VP® SENSORTRONICS®

65083S (20 ft cable) page 285

Specifications

Full Scale Output:

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

Output Resistance:

350 (\pm 3) ohm

Input Resistance:

400 (\pm 20) ohm

Material/Finish:

Stainless steel

Temperature:

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

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

Seal Type:

Hermetically sealed, IP69K

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.017% full scale

Insulation Resistance:

> 5,000 megohm

Deflection at Capacity:

0.2 to 0.4 mm

Cable Length:

30 ft PTFE cable

Cable Color Code:

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

Warranty:

Two-year limited

Approvals:

cFMus
NTEP 18-106

RICE LAKE
LOAD CELLS

SINGLE-ENDED BEAM

RL32218S-HE

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



Picture is a representation of actual product.

Approvals



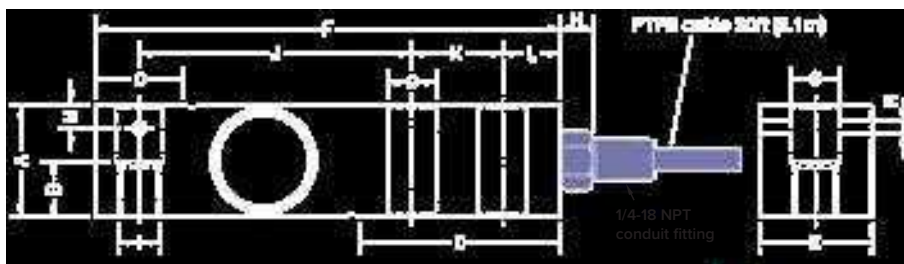
Order Information

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

SE=small envelope; LE=large envelope

Dimensions

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



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL35082

RICE LAKE WEIGHING SYSTEMS

RL32019S-HE..... page 109

VPG® SENSORTRONICS®

65083S..... page 285

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL50210TA..... page 41

RICE LAKE WEIGHING SYSTEMS

RL1800 Series..... page 52

Specifications

Full Scale Output:

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

Output Resistance:

350 (\pm 3) ohm

Input Resistance:

400 (\pm 20) ohm

Material/Finish:

Stainless steel

Temperature:

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

Seal Type:

Hermetically sealed, IP69K

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.017% full scale

Insulation Resistance:

> 5,000 megohm

Cable Length:

20 ft PTFE cable
30 ft RP

Cable Color Code:

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

Warranty:

Two-year limited

Approvals:

cFMus
NTEP 18-106

SINGLE-ENDED BEAM

RL9018SS

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



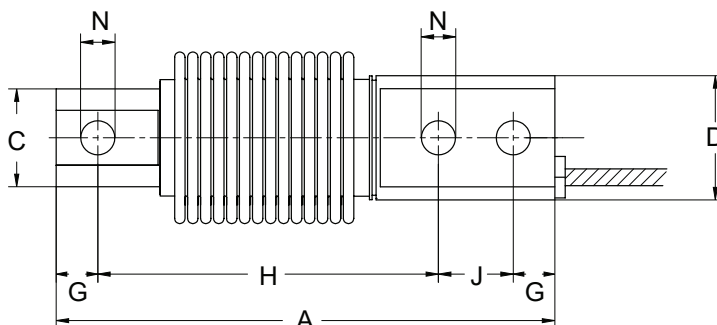
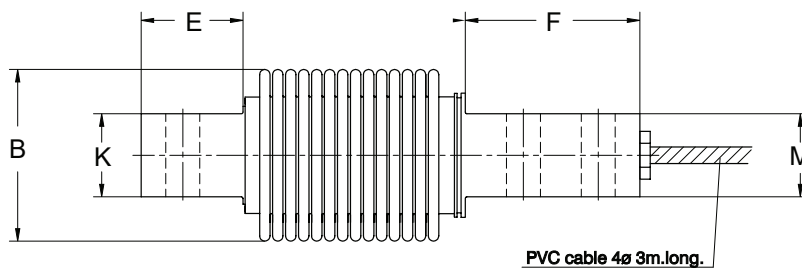
Picture is a representation of actual product.

Approvals**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

Dimensions

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

**Interchangeable Products**RICE LAKE WEIGHING SYSTEMS
RLHBB**Specifications****Full Scale Output:**2.0 mV/V \pm 10%
mV/V/ohm calibration**Output Resistance:**350 (\pm 3) ohm**Input Resistance:**400 (\pm 20) ohm**Material/Finish:**

Stainless steel

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

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Hermetically sealed, IP68/IP69K

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.017% full scale

Insulation Resistance:

> 5,000 megohm

Deflection at Capacity:

0.2 to 0.4 mm

Cable Length:

3 m

PVC cable

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

Two-year limited

Approvals:

NTEP 18-107

OIML R60/2017-A-NL1-19.27

cFMus FM18US0307X

RICE LAKE
LOAD CELLS

SINGLE-ENDED BEAM

RL30000I

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



Picture is a representation of actual product.

Approvals



Order Information

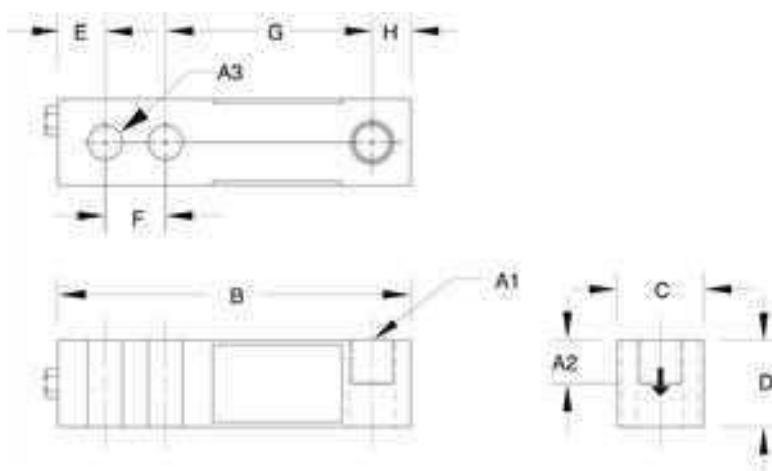
Load Rating	Part #	Est. Weight	Price
NTEP Certified			
1,000 lb	21491	3 lb	\$312.00
2,000 lb	21493	3 lb	\$312.00
2,500 lb	21495	3 lb	\$312.00
3,000 lb	21497	3 lb	\$312.00
4,000 lb	21498	3 lb	\$312.00
5,000 lb SE	21500	3 lb	\$312.00
5,000 lb LE	21501	5 lb	\$398.00
10,000 lb	21503	5 lb	\$398.00
Non-NTEP 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

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

Dimensions

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



Interchangeable Products

VPG® REVERE

5123..... page 246

VPG® TEDEA-HUNTLEIGH®

3411..... page 306

ARTECH®

30310

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL50210TA..... page 41

RICE LAKE WEIGHING SYSTEMS

RL1800 Series..... page 52

Specifications

Full Scale Output:

3.0 mV/V

Bridge Resistance:

350 ohm, nominal

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VAC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:

250 to 1,000 lb: 0.013 in

2,000 to 3,000 lb: 0.015 in

4,000 to 5,000 lb: 0.025 in

10,000 lb: 0.032 in

20,000 lb: 0.038 in

Cable Length:

20 ft

Cable Diameter:

0.200 in

Polyurethane jacket

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited

Approvals:

cFMus

NTEP 98-043

SINGLE-ENDED BEAM

RL30002 Thru Hole

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



Picture is a representation of actual product.

Approvals**Order Information**

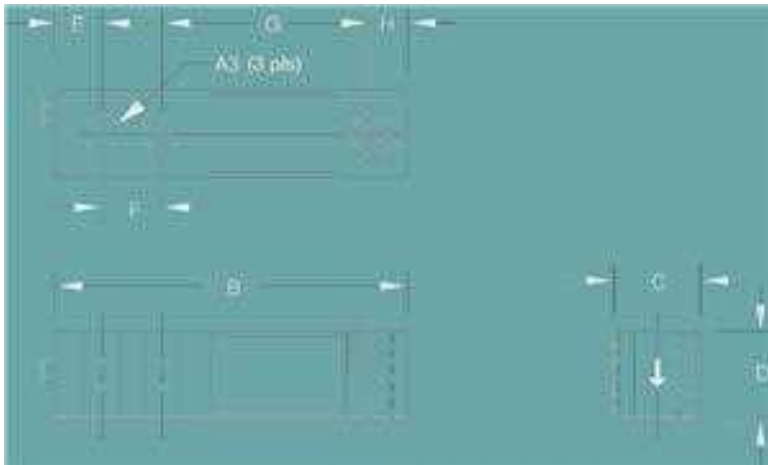
Load Rating	Part #	Est. Weight	Price
NTEP Certified			
1,000 lb	21521	3 lb	\$312.00
2,000 lb	21522	3 lb	\$312.00
2,500 lb	21523	3 lb	\$312.00
4,000 lb	21524	3 lb	\$312.00
5,000 lb SE	21525	3 lb	\$312.00
Conduit Adapter Kit (must be factory installed to maintain warranty)			
3/8-24 nipple	31533*	1 lb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

SE=small envelope

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

Dimensions

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

**Interchangeable Products**

VPG® TEDEA-HUNTLEIGH®

3410

ARTECH®

30210**Specifications****Full Scale Output:**

3.0 mV/V

Bridge Resistance:

350 ohm, nominal

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:

1,000 lb: 0.013 in

2,000 to 3,000 lb: 0.015 in

4,000 to 5,000 lb: 0.025 in

Cable Length:

20 ft

Cable Diameter:

0.200 in

Polyurethane jacket

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited

Approvals:

cFMus

NTEP 98-043

RICE LAKE
LOAD CELLS

SINGLE-ENDED BEAM

RLH35

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

Limited Stock Available

Picture is a representation of actual product.

Approvals

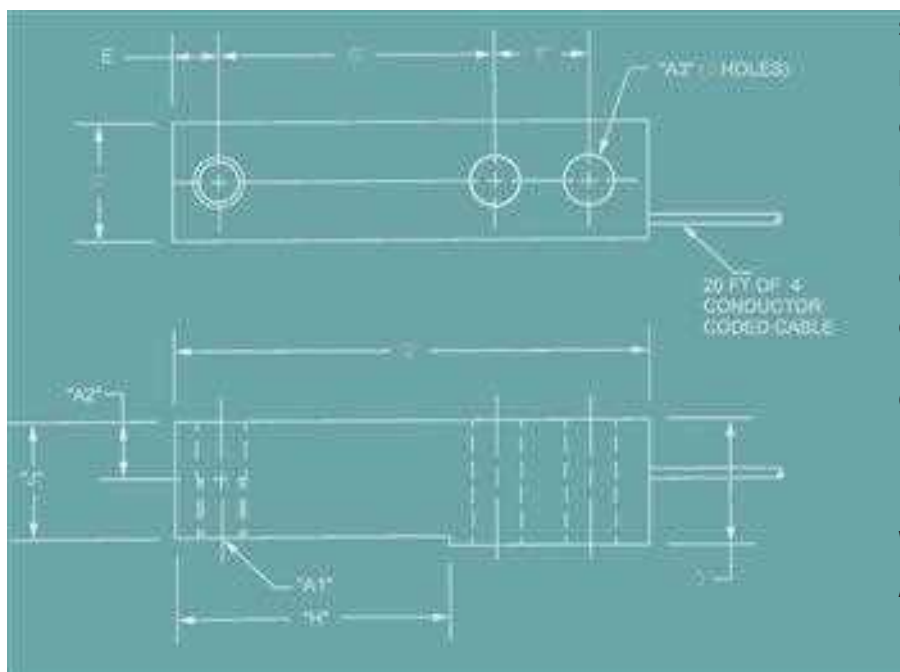


Order Information

Load Rating	Part #	Est. Weight	Price
500 lb	106038	4 lb	\$371.00

Dimensions

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



Interchangeable Products

HBK®
H35 page 224
 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

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

350 ohm, nominal

Input Resistance:

385 ohm, nominal

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Welded-seal, IP67

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:

0.02 in

Cable Length:

20 ft

Cable Diameter:

0.190 in

Polyurethane jacket

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Yellow Shield

Warranty:

Two-year limited

Approvals:

FM

NTEP 06-023

SINGLE-ENDED BEAM

RL39123

Stainless Steel, Environmentally Sealed, IP67



Picture is a representation of actual product.

Approvals



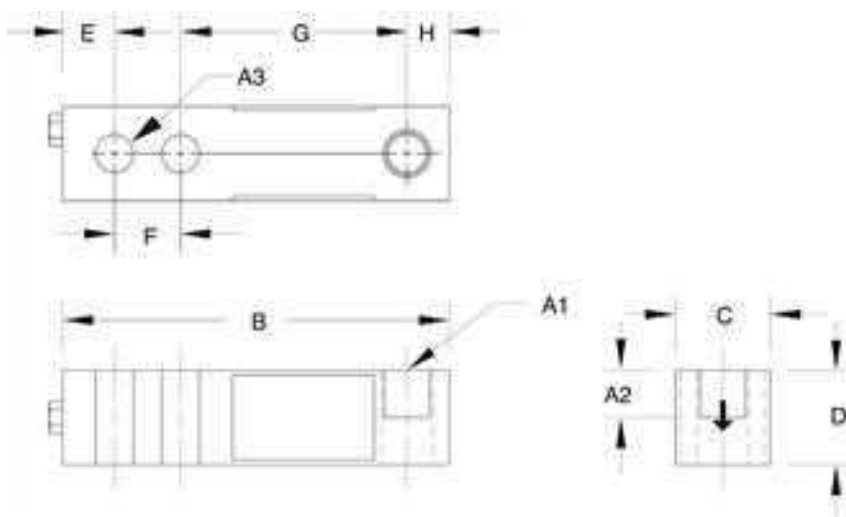
Order Information

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

Dimensions

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



Interchangeable Products

VPG® REVERE

9123.....page 247

ARTECH®

SS30310

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL50210TA..... page 41

RICE LAKE WEIGHING SYSTEMS

RL1800 Series..... page 52

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

349 to 355 ohm

Input Resistance:

343 to 357 ohm

Material/Finish:

Stainless steel

Temperature:

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

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Nonlinearity:

0.03% full scale

Hysteresis:

0.02% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:

250 to 1,000 lb: 0.013 in
2,000 to 3,000 lb: 0.015 in
4,000 to 5,000 lb: 0.025 in
10,000 lb: 0.32 in

Cable Length:

20 ft
30 ft

Cable Diameter:

0.200 in
Polyurethane jacket

Cable Color Code:

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

Warranty:

Two-year limited

Approvals:

cFMus

RICE LAKE
LOAD CELLS

SINGLE-ENDED BEAM

RL32018S-T

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



Picture is a representation of actual product.

Approvals

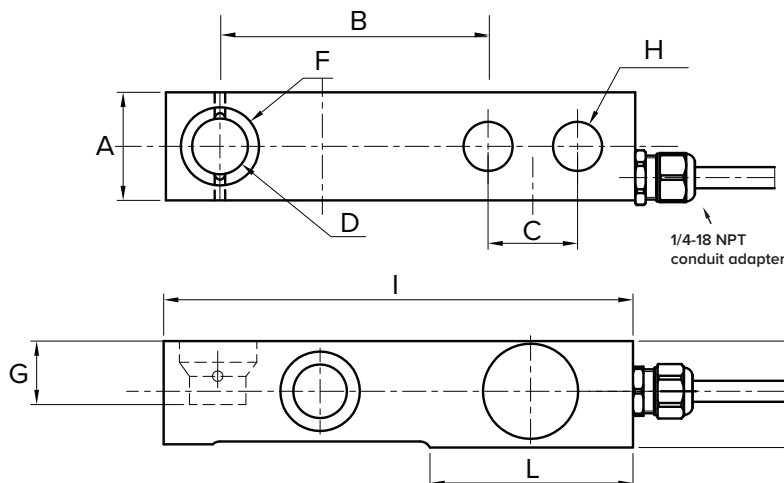


Order Information

Load Rating	Part #	Est. Weight	Price
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 500 to 2.5 K	108612	1 lb	\$85.00
Rocker pin 5 K	130408	1 lb	\$90.00
Rocker pin 10 K	131376	1 lb	\$130.00
O-ring (two per pin)	108202	1 lb	\$1.00

Dimensions

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



Interchangeable Products

METTLER TOLEDO®

TB600529-500 lb

METTLER TOLEDO

TB600363-1,250 lb

METTLER TOLEDO

TB600342-2,500 lb

METTLER TOLEDO

TB600343-5,000 lb

METTLER TOLEDO

TB600364-10,000 lb

HBK®

THC

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RLTM..... page 56

Specifications

Full Scale Output:2.0 mV/V \pm 0.05%
mV/V/ohm calibration**Output Resistance:**350 (\pm 3) ohm**Input Resistance:**400 (\pm 20) ohm**Material/Finish:**

Stainless steel

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

Hermetically sealed, IP69K

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC

Combined Error:

0.017% full scale

Insulation Resistance:

5,000 megohm

Cable Length:15 ft
30 ft**Cable Color Code:**Green +Excitation
Black -Excitation
White +Signal
Red -Signal
Shield is attached to element**Warranty:**

Two-year limited

Approvals:cFmus
NTEP 18-106

Discontinued

SINGLE-ENDED BEAM

RL35023S MLC Coated

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



Picture is a representation of actual product.

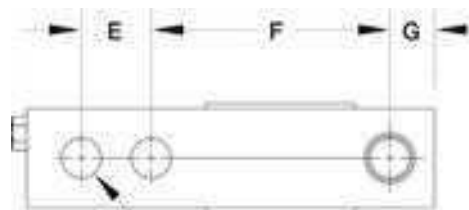
Approvals**Order Information**

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

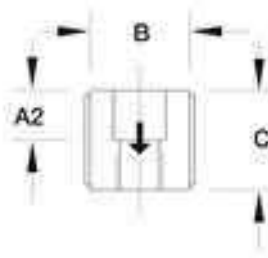
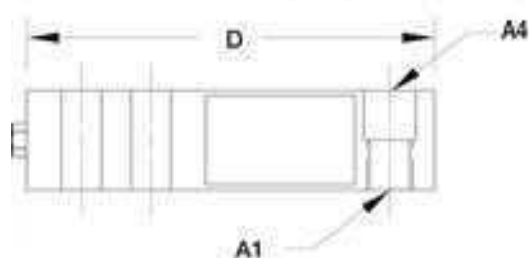
* PN 31533 and PN 31534 must be installed together to form the Conduit Adapter Kit

Dimensions

Rated Capacity	A1	A2	A3	A4	B	C	D	E	F	G
lb/in										
10,000	3/4-16 UNF	0.75	0.78	0.78 dia	1.50	1.50	6.75	1.50	3.75	0.75



A3 (3 PLS)

**Interchangeable Products**

VPG® SENSORTRONICS®

65023S* page 283

VPG SENSORTRONICS

65023SS* page 282

VPG® CELTRON®

SQB-HSS* page 192**Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS

RL50210TA..... page 41

RICE LAKE WEIGHING SYSTEMS

RL1800 Series..... page 52

*Cells are uncoated

Specifications**Full Scale Output:**

3.0 mV/V

Output Resistance:

349 to 355 ohm

Input Resistance:

343 to 357 ohm

Material/Finish:

Stainless steel, coated

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:

10,000 lb: 0.025 to 0.035 in

Cable Length:

20 ft

Cable Diameter:

0.200 in

Polyurethane jacket

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited

Approvals:

cFMus

NTEP 94-134

RICE LAKE
LOAD CELLS

SINGLE-ENDED BEAM

RLHTO

Stainless Steel, Hermetically Sealed, IP66/68



Picture is a representation of actual product.

Approvals

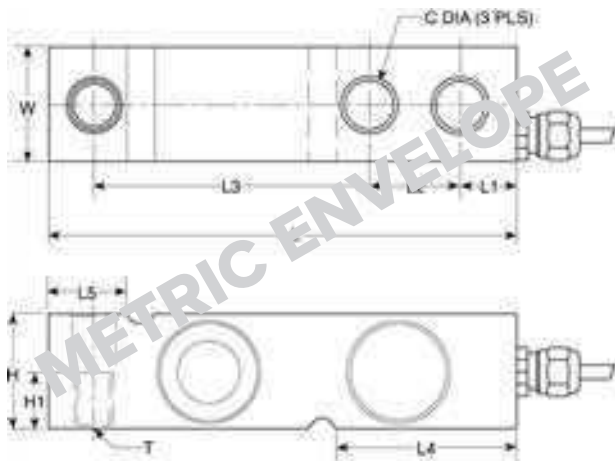


Order Information

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

Dimensions

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



Interchangeable Products

VPG® TEDEA-HUNTLEIGH®

3510-OIMLpage 308

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

1700 HEpage 33

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

350 (± 3) ohm

Input Resistance:

380 (± 10) ohm

Material/Finish:

Stainless steel

Temperature:

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Hermetically sealed, IP66/68

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% applied load

Insulation Resistance:

2,000 megohm

Deflection at Capacity:

0.4 mm

Cable Length:

5 m

Cable Diameter:

0.220 in

Polyurethane jacket

Cable Color Code:

Blue +Excitation

Black -Excitation

White +Signal

Red - Signal

Green +Sense

Grey -Sense

Warranty:

Two-year limited

Approvals:

cFMus

SINGLE-ENDED BEAM

RLSSB

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



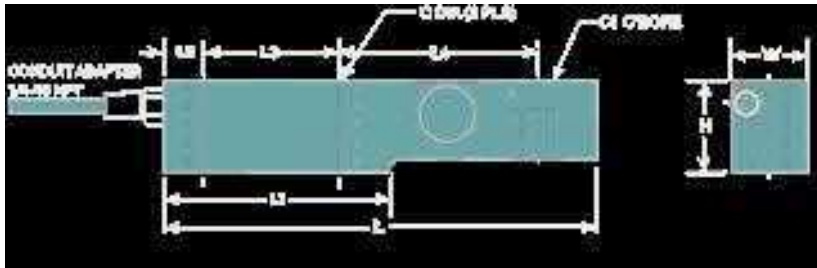
Picture is a representation of actual product.

Approvals**Order Information**

Load Rating	Part #	Est. Weight	Price
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 (1 K to 5 K)	26112	—	\$37.00

Dimensions

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

**Interchangeable Products**

ARTECH®

SS30610**Weight Module Available**

RICE LAKE WEIGHING SYSTEMS

RL1900 Series page 55**Specifications****Full Scale Output:**

2.0 mV/V

Bridge Resistance:

350 ohm, nominal

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Welded-seal, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Non-repeatability:

0.01% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

15 ft

Cable Diameter:

0.200 in

Polyurethane jacket

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Warranty:

Two-year limited

Approvals:

cFMus

NTEP 96-053

RICE LAKE
LOAD CELLS

SINGLE-ENDED BEAM

RLSB250/RLSB250T

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



PN 116084

Picture is a representation of actual product.

Approvals

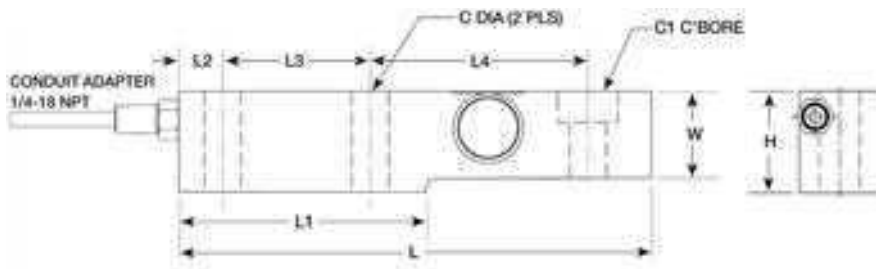


Order Information

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

Dimensions

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



Interchangeable Products

CARDINAL®

SB2500*

*No threads in load hole

Specifications

Full Scale Output:

2.0 mV/V

Bridge Resistance:

350 ohm, nominal

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Welded-seal, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Non-repeatability:

0.01% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

20 ft

PN 34482: 15 ft

Cable Diameter:

0.200 in

Polyurethane jacket

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Warranty:

Two-year limited

Approvals:

cFMus

NTEP 96-053

SINGLE-ENDED BEAM RL50219SS

Stainless Steel, Environmentally Sealed, IP65



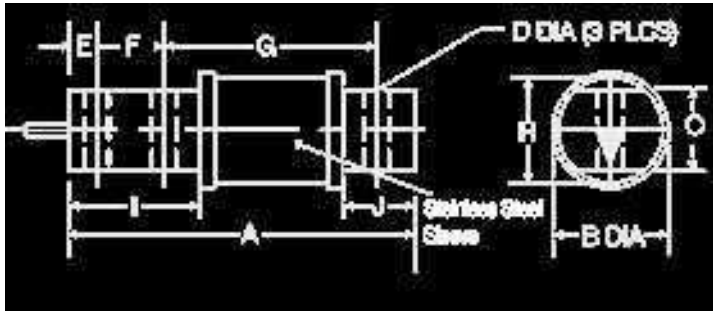
Picture is a representation of actual product.

Order Information

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

Dimensions

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



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL50210 (alloy).....page 122

RICE LAKE WEIGHING SYSTEMS

RL60040SST

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL50219SS-TA.....page 45

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

350 (± 3) ohm

Input Resistance:

380 to 450 ohm

Material/Finish:

Stainless steel

Temperature:

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP65

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC

Nonlinearity:

0.03% full scale

Hysteresis:

0.02% full scale

Combined Error:

0.017% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

20 ft

Cable Color Code:

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

Warranty:

Two-year limited

RICE LAKE
LOAD CELLS

SINGLE-ENDED BEAM

RL50210

Alloy Steel, Environmentally Sealed, IP65



Picture is a representation of actual product.

Approvals

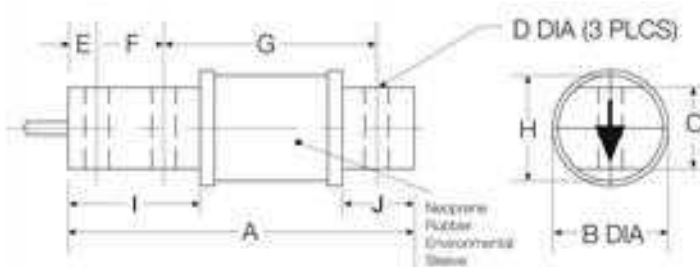


Order Information

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

Dimensions

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



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL50219SS.....page 121

VPG® SENSORTRONICS®

60040 page 286

ARTECH®

50210

VPG® REVERE

5503

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL50210TA..... page 41

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

349 to 355 ohm

Input Resistance:

360 to 450 ohm

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed with neoprene sleeve, IP65

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Nonlinearity:

0.03% full scale

Hysteresis:

0.02% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:

25 to 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

Approvals:

cFMus

SINGLE-ENDED BEAM

RL40BBS

Alloy Steel, Environmentally Sealed, IP65



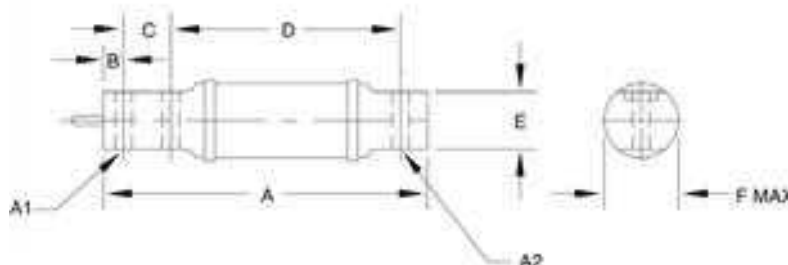
Picture is a representation of actual product.

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

Dimensions

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

**Interchangeable Products**

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

Specifications**Full Scale Output:**

2.0 mV/V

Output Resistance:

831 (± 5) ohm

Input Resistance:

750 (±5) ohm

Material/Finish:

High-alloy steel, nickel plated

Temperature:Operating:
0 °F to 150 °F (-18 °C to 65 °C)**Seal Type:**

Environmentally sealed with neoprene sleeve, IP65

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Nonlinearity:

0.03% full scale

Hysteresis:

0.02% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:

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

Cable Length:

10 ft

Cable Diameter:0.200 in
Polyurethane jacket**Cable Color Code:**

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

Warranty:

Two-year limited

RICE LAKE
LOAD CELLS

SINGLE-ENDED BEAM

RL32011WB-L

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



Picture is a representation of actual product.

Approvals

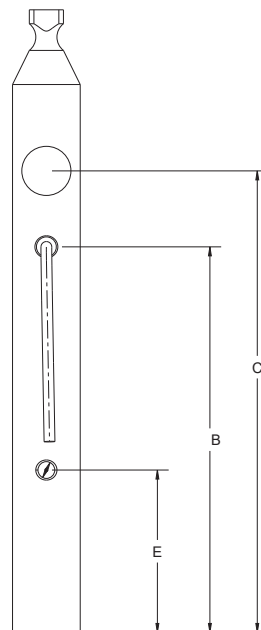
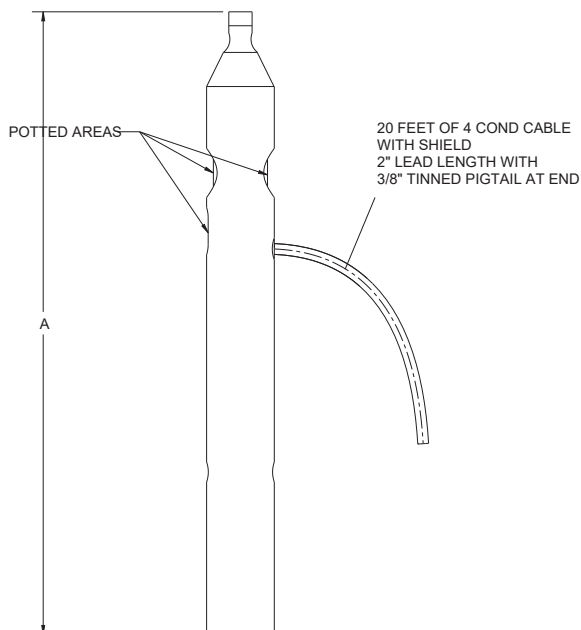
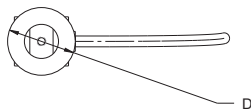


Order Information

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

Dimensions

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



Interchangeable Products

AVERY WEIGH TRONIX®
Weigh Bar

Specifications

Full Scale Output:

2.0 (± 0.1%) mV/V

Output Resistance:

350 (± 3) ohm

Input Resistance:

385 (± 10) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC

Combined Error:

0.02% full scale

Non-repeatability:

± 0.01% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

20 ft

Cable Diameter:

0.190 in

Polyurethane jacket

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Warranty:

Two-year limited

Approvals:

NTEP 11-024

SINGLE-ENDED BEAM
RL32011WB-T

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



Picture is a representation of actual product.

Approvals

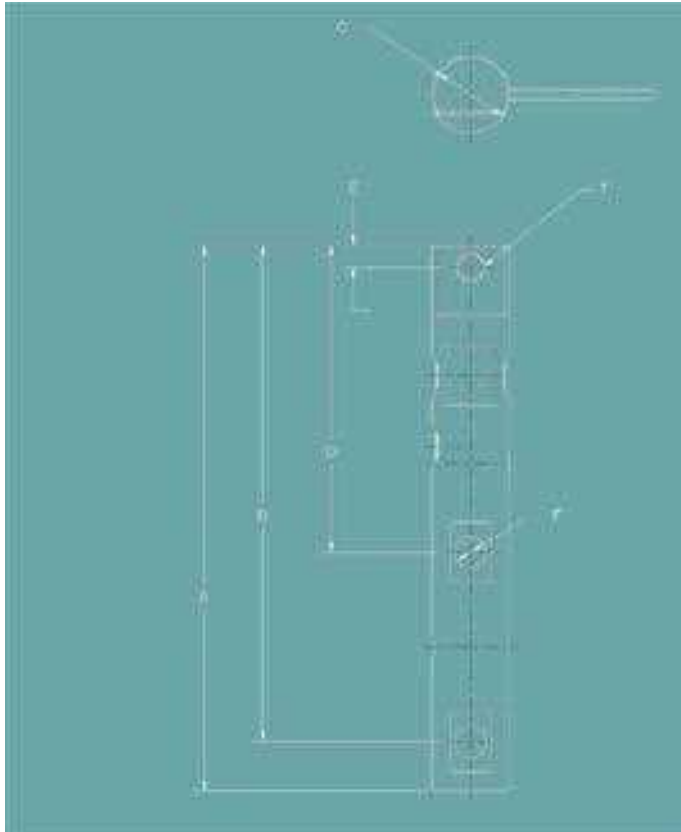


Order Information

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

Dimensions

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



Interchangeable Products

AVERY WEIGH TRONIX®
Weigh Bar

Specifications

Full Scale Output:

2.0 (± 0.1%) mV/V

Output Resistance:

350 (± 3) ohm

Input Resistance:

385 (± 10) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC

Combined Error:

0.02% full scale

Non-repeatability:

± 0.01% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

20 ft

Cable Diameter:

0.190 in

Polyurethane jacket

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Warranty:

Two-year limited

Approvals:

NTEP 11-024

RICE LAKE
LOAD CELLS

DOUBLE-ENDED BEAM

RL72020

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



Picture is a representation of actual product.

Approvals

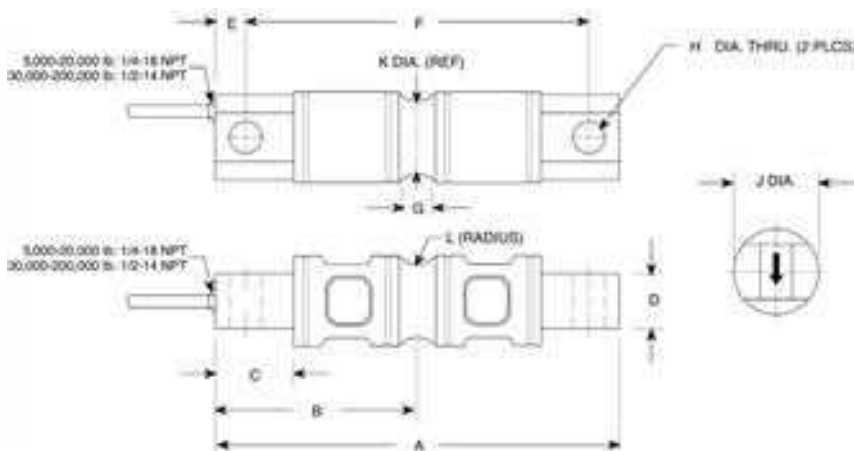


Order Information

Load Rating	Part #	Est. Weight	Price
NTEP			
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
Non-NTEP			
250,000 lb	201768	93 lb	\$2,940.00

Dimensions

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



Interchangeable Products

VPG® REVERE

5103* page 255

ARTECH®

70210

METTLER-TOLEDO®

SLD 430

*Conduit adapter optional

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

EZ Mount 1..... page 65

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

700 (± 5) ohm

Input Resistance:

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

Material/Finish:

High-alloy steel, nickel plated

Temperature:

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

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:

5,000 lb: 0.02 in
 10,000 lb: 0.025 in
 20,000 lb: 0.042 in
 30,000 to 50,000 lb: 0.02 in
 60,000 lb: 0.025 in
 100,000 lb: 0.02 in

Cable Length:

30 ft

Cable Color Code:

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

Warranty:

Two-year limited

Approvals:

cFMus
 NTEP 21-064

DOUBLE-ENDED BEAM RL72020SS

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

Interchangeable Products

VPG® REVERE

9103.....page 256

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

EZ Mount 1 SS.....page 67

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

700 (± 5) ohm

Input Resistance:

700 (± 10) ohm

Material/Finish:

Stainless steel

Temperature:

Operating:

14 °F to 104 °F (-10 °C to 40 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

30 ft polyurethane jacket

Cable Color Code:

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

Warranty:

Two-year limited

Approvals:

NTEP 21-064
cFMus



Picture is a representation of actual product.

Approvals

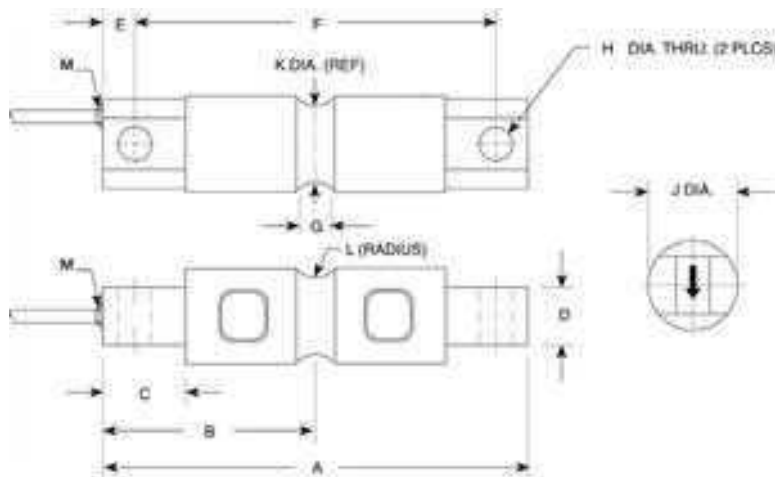


Order Information

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

Dimensions

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



RICE LAKE
LOAD CELLS

DOUBLE-ENDED BEAM

RL72020 MLC Coated

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



Picture is a representation of actual product.

Approvals

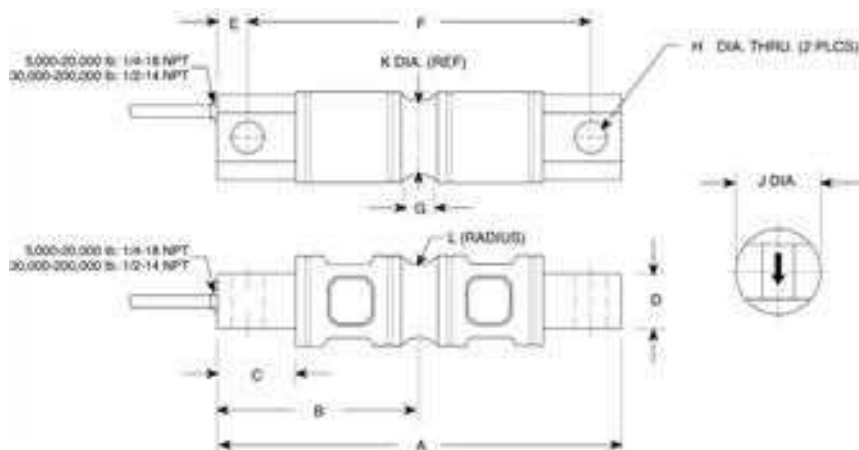


Order Information

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

Dimensions

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



Interchangeable Products

VPG® REVERE

5103* page 255

ARTECH®

70210

METTLER TOLEDO®

SLD 430

*Cells are uncoated

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

EZ Mount 1..... page 68

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

5 to 10 k: 703 (± 4) ohm

20 to 150 k: 700 (± 5) ohm

200 to 250 k: 700 (± 5) ohm

Input Resistance:

5 to 10 k: 700 (± 14) ohm

20 to 150 k: 770 (± 10) ohm

200 to 250 k: 700 (± 14) ohm

Material/Finish:

Alloy steel, coated

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:

5,000 lb: 0.02 in

10,000 lb: 0.025 in

20,000 lb: 0.042 in

30,000 to 50,000 lb: 0.02 in

60,000 lb: 0.025 in

100,000 lb: 0.02 in

Cable Length:

30 ft

Cable Diameter:

5,000 to 20,000 lb: 0.200 in

30,000 to 250,000 lb: 0.305 in

Polyurethane jacket

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited

Approvals:

cFMus

NTEP 21-064

DOUBLE-ENDED BEAM

RL72019SS

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



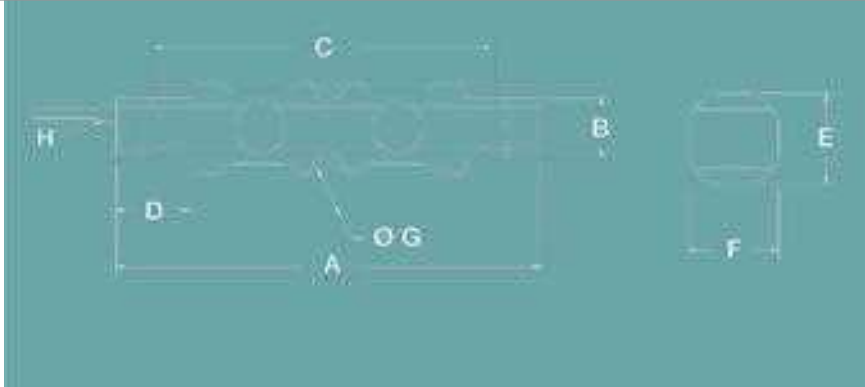
Picture is a representation of actual product.

Approvals**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

Dimensions

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

**Interchangeable Products**

VPG® REVERE

9103..... page 256**Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS

EZ Mount 1 HE..... page 69**Specifications****Full Scale Output:**

3.0 mV/V

Output Resistance:

700 (± 5) ohm

Input Resistance:

800 (± 30) ohm

Material/Finish:

Stainless steel

Temperature:

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Welded-seal, IP68

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC

Nonlinearity:

0.03% full scale

Hysteresis:

0.5% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

25 ft

Cable Color Code:

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

Warranty:

Two-year limited

Approvals:

cFMus

NTEP 21-064

RICE LAKE
LOAD CELLS

DOUBLE-ENDED BEAM

RL77032

Alloy Steel, Environmentally Sealed, IP67



Picture is a representation of actual product.

Approvals

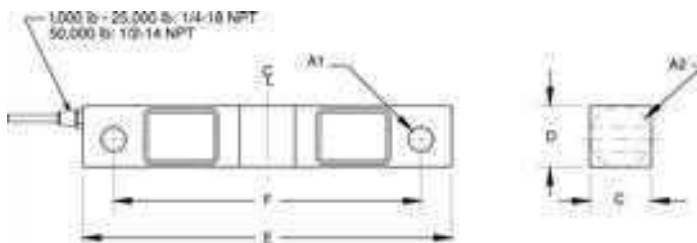


Order Information

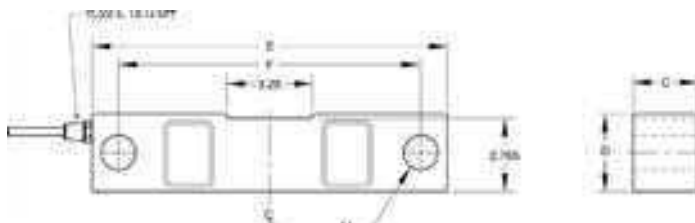
Load Rating	Part #	Est. Weight	Price
1,000 lb	221536	4 lb	\$555.00
1,500 lb	221537	4 lb	\$555.00
2,000 lb	221538	4 lb	\$555.00
2,500 lb	221539	4 lb	\$555.00
3,000 lb	221540	4 lb	\$555.00
5,000 lb	221541	4 lb	\$555.00
10,000 lb	221542	7 lb	\$635.00
15,000 lb	221543	7 lb	\$635.00
20,000 lb	221544	7 lb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

Dimensions

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



1,000 to 50,000 lb



75,000 lb

Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL75016 page 133

VPG® SENSORTRONICS®

65016 page 290

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL1600 Series page 72

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

700 (± 5) ohm

Input Resistance:

770 (± 10) ohm

Material/Finish:

High-alloy steel, nickel plated

Temperature:

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

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC

Nonlinearity:

0.03% full scale

Hysteresis:

0.02% full scale

Deflection at Capacity:

1,000 to 2,500 lb: 0.01 in
5,000 lb: 0.015 in
10,000 to 20,000 lb: 0.022 in
25,000 lb: 0.036 in
50,000 lb: 0.052 in
75,000 lb: 0.07 in

Insulation Resistance:

5,000 megohm

Cable Length:

25 ft

Polyurethane jacket

Cable Color Code:

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

Warranty:

Two-year limited

Approvals:

cFMus

DOUBLE-ENDED BEAM

RL77032SS

Stainless Steel, Environmentally Sealed, IP67

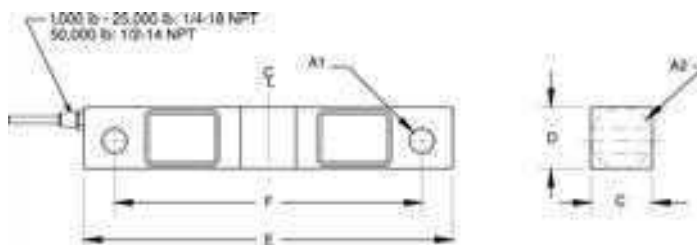


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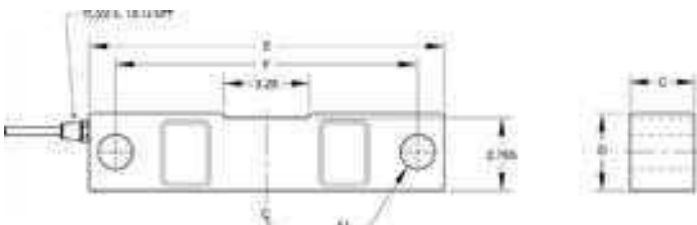
Load Rating	Part #	Est. Weight	Price
1,000 lb	221548	4 lb	\$580.00
1,500 lb	221549	4 lb	\$580.00
2,000 lb	221550	4 lb	\$580.00
2,500 lb	221551	4 lb	\$580.00
5,000 lb	221552	4 lb	\$580.00
10,000 lb	221553	7 lb	\$660.00
15,000 lb	221554	7 lb	\$660.00
20,000 lb	221555	7 lb	\$660.00
25,000 lb	221556	7 lb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

Dimensions

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



1,000 to 50,000lb



75,000lb

Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL75016SS..... page 135

RICE LAKE WEIGHING SYSTEMS

RL77032SS HE..... page 132

RICE LAKE WEIGHING SYSTEMS

RL75016S-W..... page 136

VPG® SENSORTRONICS®

65016..... page 290

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL1600 Series..... page 74

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

700 (± 5) ohm

Input Resistance:

770 (± 10) ohm

Material/Finish:

Stainless steel

Temperature:

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC

Nonlinearity:

0.07% full scale

Hysteresis:

0.02% full scale

Deflection at Capacity:

1,000 to 2,500 lb: 0.01 in

5,000 lb: 0.015 in

10,000 to 20,000 lb: 0.022 in

25,000 lb: 0.036 in

50,000 lb: 0.052 in

75,000 lb: 0.07 in

Insulation Resistance:

5,000 megohm

Cable Length:

25 ft

Polyurethane

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited

Approvals:

cFMus

RICE LAKE
LOAD CELLS

DOUBLE-ENDED BEAM

RL77032SS HE

Stainless Steel, Hermetically Sealed, IP69K



Picture is a representation of actual product.

Approvals

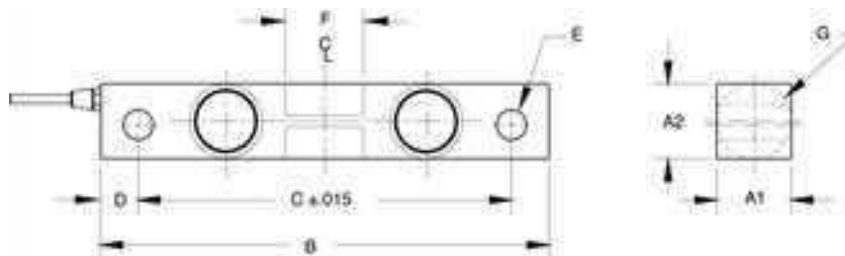


Order Information

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

Dimensions

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



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL75016WHE..... page 137

VPG® SENSORTRONICS®

65016WH..... page 292

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL1600 HE Series.....page 76

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

700 (± 5) ohm

Input Resistance:

770 (± 10) ohm

Material/Finish:

Stainless steel

Temperature:Operating:
0 °F to 150 °F (-18 °C to 65 °C)**Seal Type:**

Hermetically sealed, IP69K

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC

Nonlinearity:

0.03% full scale

Hysteresis:

0.02% full scale

Deflection at Capacity:1,000 lb: 0.01 in
5,000 lb: 0.015 in
10,000 to 20,000 lb: 0.022 in
25,000 lb: 0.036 in
50,000 lb: 0.052 in
75,000 lb: 0.07 in**Insulation Resistance:**

5,000 megohm

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

Two-year limited

Approvals:

cFMus

**Limited Stock
Available**

DOUBLE-ENDED BEAM

RL75016

Alloy Steel, Environmentally Sealed, IP67



Picture is a representation of actual product.

Approvals



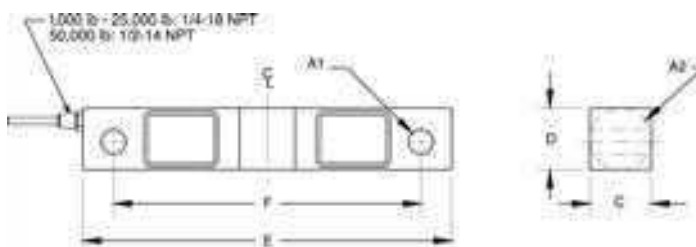
Order Information

Load Rating	Part #	Est. Weight	Price
1,000 lb	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	27 lb	\$980.00

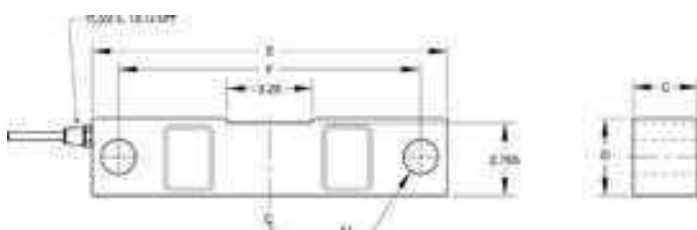
*75,000lb capacity has a square center

Dimensions

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



1,000 to 50,000lb



75,000lb

Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL77032.....page 130

VPG® CELTRON®

DSR.....page 195

VPG® SENSORTRONICS®

65016.....page 290

VPG® REVERE

5203

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL1600 Series.....page 70

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

700 (± 5) ohm

Input Resistance:

770 (± 10) ohm

Material/Finish:

High-alloy steel, nickel plated

Temperature:

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

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Nonlinearity:

0.03% full scale

Hysteresis:

0.02% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:

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

Cable Length:

25 ft

Cable Diameter:

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

Cable Color Code:

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

Warranty:

Two-year limited

Approvals:

cFMus

**RICE LAKE
LOAD CELLS**

DOUBLE-ENDED BEAM

RL75016 MLC Coated

Alloy Steel, Environmentally Sealed, IP67



Picture is a representation of actual product.

Approvals



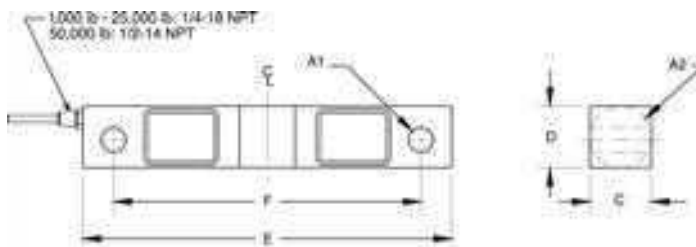
Order Information

Load Rating	Part #	Est. Weight	Price
1,000 lb	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	27 lb	\$1,007.00

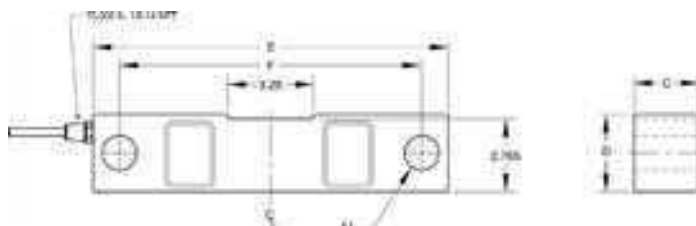
*75,000lb capacity has a square center

Dimensions

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



1,000 to 50,000lb



75,000lb

Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

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

VPG® CELTRON®

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

VPG® SENSORTRONICS®

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

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL1600 Series..... page 75

*Cells are uncoated

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

700 (± 5) ohm

Input Resistance:

770 (± 10) ohm

Material/Finish:

Alloy steel, coated

Temperature:

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

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Nonlinearity:

0.03% full scale

Hysteresis:

0.02% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

25 ft

Cable Color Code:

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

Warranty:

Two-year limited

Approvals:

cFMus

**Limited Stock
Available**

DOUBLE-ENDED BEAM
RL75016SS

Stainless Steel, Environmentally Sealed, IP67



Picture is a representation of actual product.

Approvals



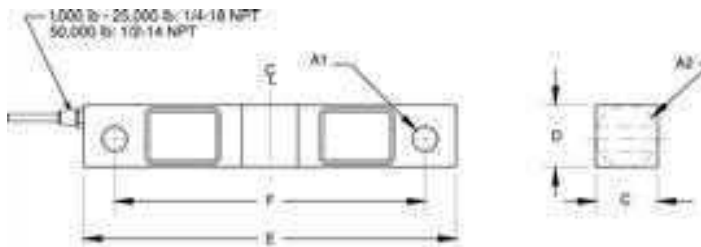
Order Information

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

*75,000 lb capacity has a square center

Dimensions

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



1,000 to 50,000 lb



75,000 lb

Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL77032SSpage 131

RICE LAKE WEIGHING SYSTEMS

RL75016WHE* page 137

VPG® SENSORTRONICS®

65016Wpage 291

VPG SENSORTRONICS

65016WH* page 292

VPG® REVERE

9203

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL1600 Seriespage 73

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

700 (± 5) ohm

Input Resistance:

770 (± 10) ohm

Material/Finish:

Stainless steel

Temperature:

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Nonlinearity:

0.07% full scale

Hysteresis:

0.02% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:

1,000 to 3,000 lb: 0.01 in

5,000 lb: 0.015 in

10,000 to 20,000 lb: 0.022 in

25,000 lb: 0.036 in

50,000 lb: 0.052 in

75,000 lb: 0.07 in

Cable Length:

25 ft

Cable Diameter:

1,000 to 25,000 lb: 0.200 in

50,000 to 75,000 lb: 0.305 in

Polyurethane jacket

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited

Approvals:

cFMus

**RICE LAKE
LOAD CELLS**

DOUBLE-ENDED BEAM

RL75016SS-W

Stainless Steel, Welded Seal, IP67



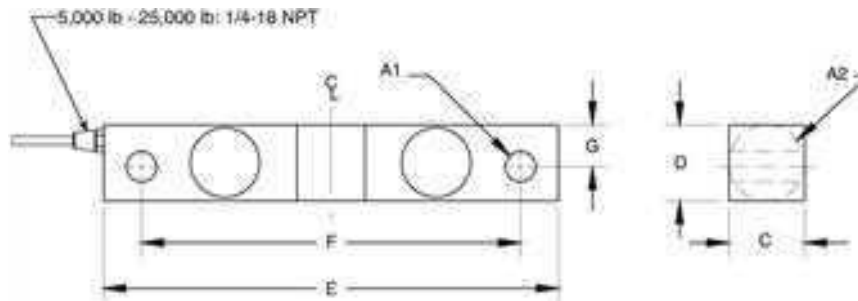
Picture is a representation of actual product.

Order Information

Load Rating	Part #	Est. Weight	Price
5,000 lb	168115	4 lb	\$630.00
10,000 lb	168116	7 lb	\$715.00
15,000 lb	168117	7 lb	\$715.00
20,000 lb	168118	7 lb	\$715.00
25,000 lb	168119	7 lb	\$715.00

Dimensions

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

**Interchangeable Products**

RICE LAKE WEIGHING SYSTEMS

RL77032SS HE.....page 132

RICE LAKE WEIGHING SYSTEMS

RL75016SS.....page 135

RICE LAKE WEIGHING SYSTEMS

RL75016WHE.....page 137**Specifications****Full Scale Output:**

3.0 mV/V

Output Resistance:

700 (± 5) ohm

Input Resistance:

770 (± 10) ohm

Material/Finish:

Stainless steel

Temperature:

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Welded-seal, IP67

Safe Overload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V max)

Hysteresis:

0.02% full scale

Linearity:

0.03% full scale

Cable Length:

25 ft

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited

Limited Stock Available

DOUBLE-ENDED BEAM RL75016WHE

Stainless Steel, Hermetically Sealed, IP69K



Picture is a representation of actual product.

Approvals

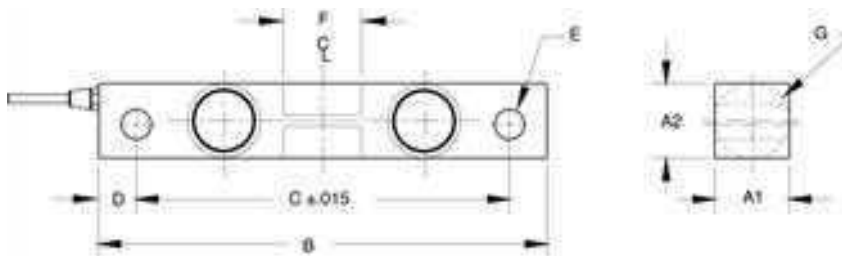


Order Information

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

Dimensions

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



Interchangeable Products

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

Weigh Module Available

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

*Welded seal

Specifications

Full Scale Output:	3.0 mV/V
Output Resistance:	699 to 707 ohm
Input Resistance:	686 to 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 to 10 VDC (15 V maximum)
Insulation Resistance:	2,000 megohm
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
Approvals:	cFMus

RICE LAKE
LOAD CELLS

DOUBLE-ENDED BEAM

RL75058I for Rice Lake Coil Scale

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



Picture is a representation of actual product.

Approvals

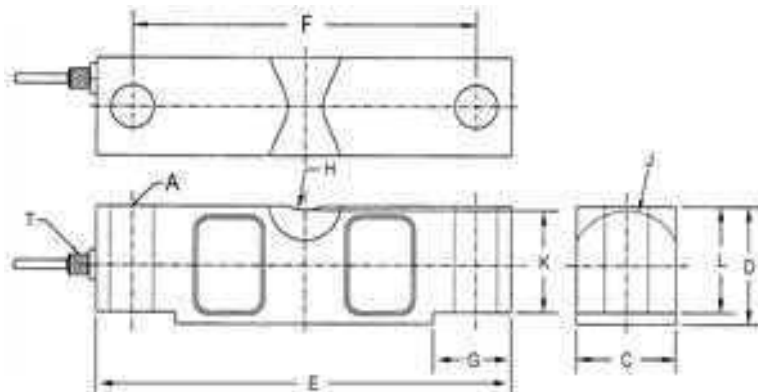


Order Information

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

Dimensions

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



Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

699 to 707 ohm

Input Resistance:

686 to 714 ohm

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Compensated:

14 °F to 104 °F/-10 °C to 40 °C

Operating:

0 °F to 150 °F/-18 °C to 65 °C

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

35 ft

Cable Diameter:

20,000 lb: 0.200 in

40,000 to 75,000 lb: 0.305 in

Polyurethane jacket

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited

Approvals:

cFMus

NTEP 98-143



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

DOUBLE-ENDED BEAM RL75058-LP



Picture is a representation of actual product.

Approvals



Order Information

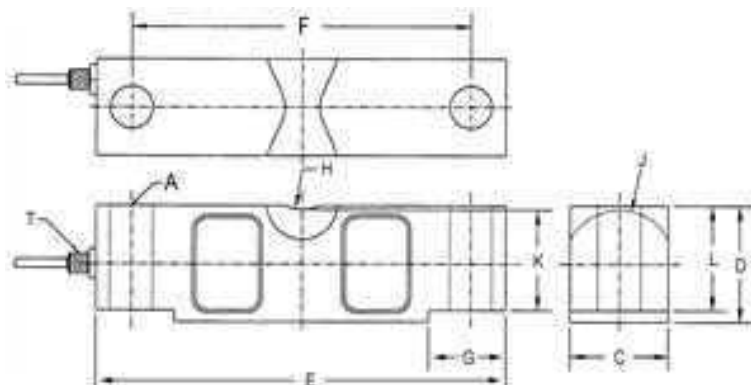
Load Rating	Part #	Est. Weight	Price
NTEP Certified 35 ft Cable			
20,000 lb	197770	8 lb	\$673.00
25,000 lb	197771	8 lb	\$673.00
40,000 lb	197772	13 lb	\$805.00
50,000 lb	197773	19 lb	\$885.00
60,000 lb	197774	19 lb	\$885.00
75,000 lb	197775	19 lb	\$885.00
100,000 lb	197776	40 lb	\$1,669.00
125,000 lb	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	\$995.00
75,000 lb**	197781	20 lb	\$995.00
75,000 lb*	197782	20 lb	\$1,100.00
125,000 lb	197779	40 lb	\$1,800.00
NTEP Certified 100 ft Cable			
75,000 lb	197780	22 lb	\$1,100.00

*Stainless steel overbraid cable

**Used in Rice Lake truck scales

Dimensions

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



Interchangeable Products

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

Weigh Module Available

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

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

700 (± 5) ohm

Input Resistance:

770 (± 10) ohm

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

35 ft

60 ft

100 ft

Cable Diameter:

10,000 to 25,000 lb: 0.200 in

40,000 to 125,000 lb: 0.305 in

Polyurethane jacket

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited

Approvals:

cFMus

NTEP 20-081

RICE LAKE
LOAD CELLS

DOUBLE-ENDED BEAM

RL75058S-LP

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

**Lightning
Protection**
Built-in

Picture is a representation of actual product.

Approvals

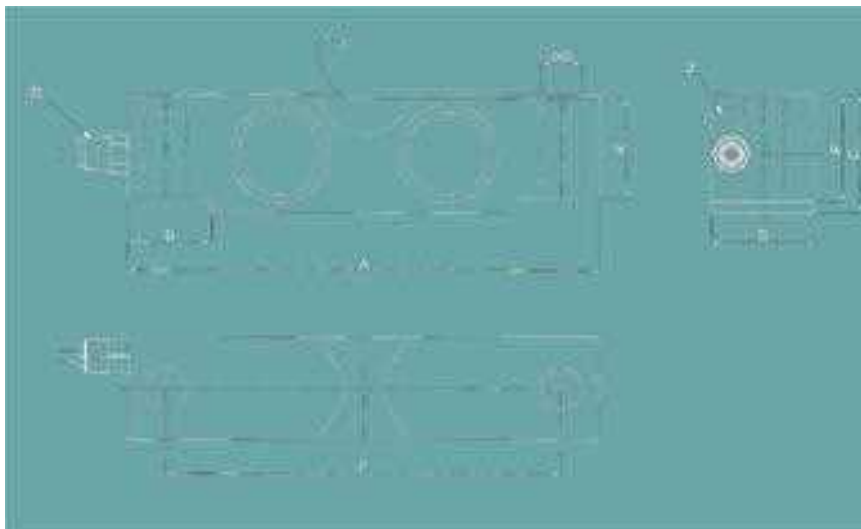


Order Information

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	\$1,895.00
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

Dimensions

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

RICE LAKE
LOAD CELLS

Interchangeable Products

VPG® SENSORTRONICS®

65058S..... page 294

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL2100HE..... page 36

RICE LAKE WEIGHING SYSTEMS

MVS..... page 77

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

700 (± 7) ohm

Input Resistance:

700 (± 14) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Hermetically sealed, IP68/IP69K

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

35 ft

60 ft

Cable Diameter:

10,000 to 25,000 lb: 0.200 in

40,000 to 125,000 lb: 0.305 in

Polyurethane jacket

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited

Approvals:

cFMus

NTEP 20-081

Limited Stock Available

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

DOUBLE-ENDED BEAM

RL75060S



Picture is a representation of actual product.

Approvals

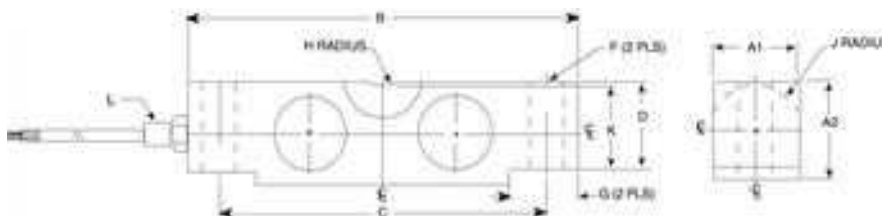


Order Information

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

Dimensions

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



Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL2100HE..... page 36

RICE LAKE WEIGHING SYSTEMS

MVS..... page 77

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

699 to 707 ohm

Input Resistance:

686 to 714 ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Welded-seal, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

1,000 megohm

Cable Length:

35 ft

60 ft

Cable Diameter:

25,000 lb: 0.200 in

100,000 lb: 0.305 in

Polyurethane jacket

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited

Approvals:

cFMus

NTEP 96-027

**RICE LAKE
LOAD CELLS**

DOUBLE-ENDED BEAM

RL75223

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



Picture is a representation of actual product.

Approvals

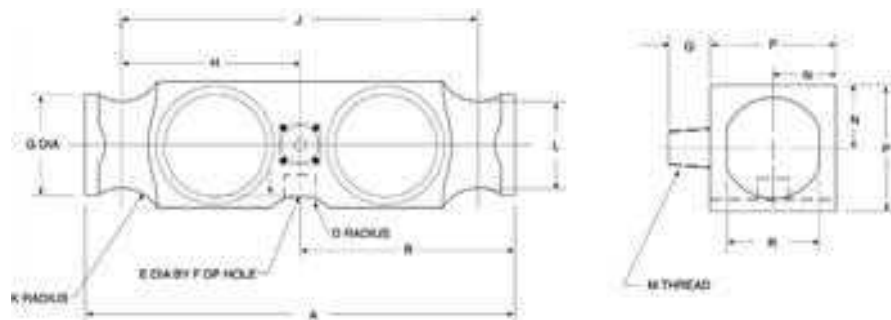


Order Information

Load Rating	Part #	Est. Weight	Price
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

Dimensions

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



Interchangeable Products

VPG® REVERE

5223page 257

VPG® SENSORTRONICS®

65040A-XX-1127W page 298

ARTECH®

80210

THURMAN®

TSC 800

UNIBRIDGE®

DL9000

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

Translink™page 78

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

699 to 707 ohm

Input Resistance:

686 to 714 ohm

Material/Finish:

High-alloy steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Welded-seal, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Combined Error:

0.03% full scale

Non-repeatability:

0.01% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:

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

Approvals:

cFMus

NTEP 97-126

DOUBLE-ENDED BEAM RLDB50000S

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



Picture is a representation of actual product.

Approvals

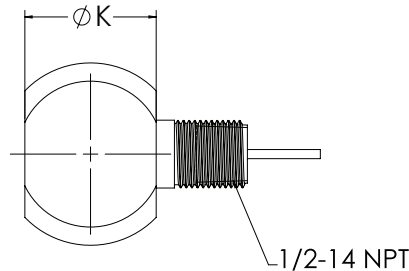
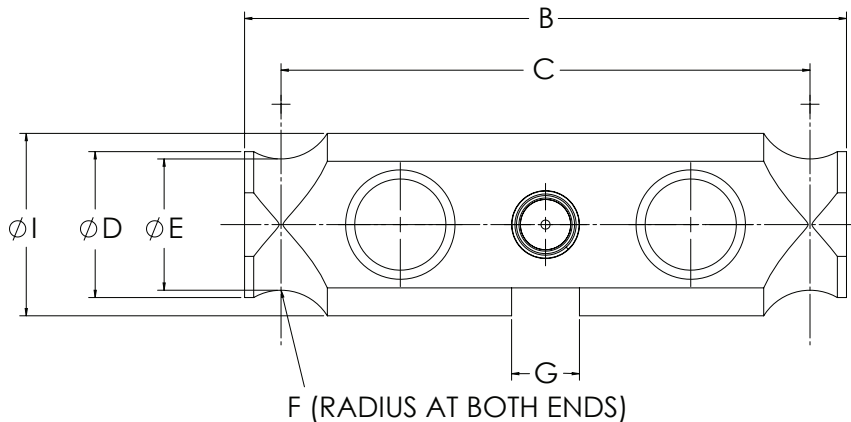


Order Information

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

Dimensions

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



Interchangeable Products

CARDINAL®
DB50000S

Specifications

Full Scale Output:

2.0 (± 0.1%) mV/V

Output Resistance:

699 to 707 ohm

Input Resistance:

686 to 714 ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Welded-seal, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.03% full scale

Non-repeatability:

0.01% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:

0.01 in

Cable Length:

35 ft

Cable Diameter:

0.305 in

Polyurethane jacket

Cable Color Code:

Red +Excitation

Black -Excitation

White +Signal

Green -Signal

Warranty:

Two-year limited

Approvals:

cFMus

NTEP 92-018

RICE LAKE
LOAD CELLS

DOUBLE-ENDED BEAM

RL75040

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



Picture is a representation of actual product.

Approvals



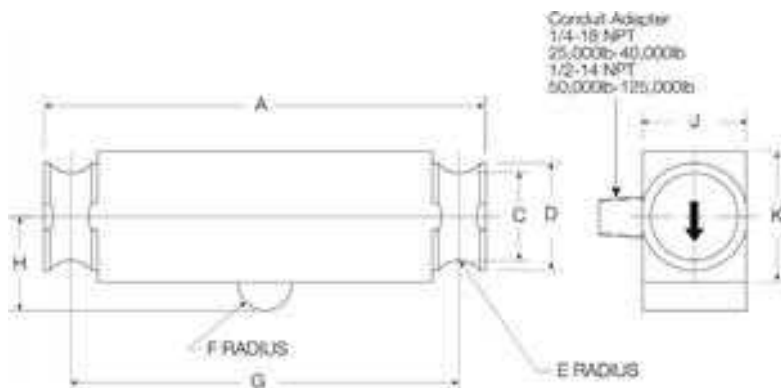
Order Information

Load Rating	Part #	Est. Weight	Price
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

Dimensions

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



Interchangeable Products

VPG® SENSORTRONICS®

65040A page 296

ARTECH®

80310

THURMAN®

TSC 840

SENTRAN

WD1

ANYLOAD

102TH

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

Translink™ page 78

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

700 (± 5) ohm

Input Resistance:

770 (± 10) ohm

pn 87253 and 53593: 686 to 714 ohms

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.03% full scale

Insulation Resistance:

1,000 megohm

Cable Length:

35 ft

40 ft

50 ft

Cable Diameter:

25,000 lb: 0.200 in

40,000 to 75,000 lb: 0.305 in

Polyurethane jacket

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited

Approvals:

cFMus

NTEP 00-027

COMPRESSION CANISTER

RLCSP1

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



Picture is a representation of actual product.

Approvals

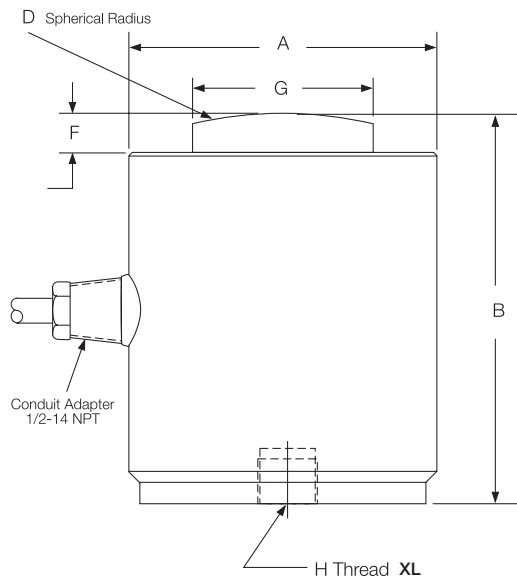


Order Information

Load Rating	Part #	Est. Weight	Price
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

Dimensions

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



Interchangeable Products

VPG® REVERE

CSP page 265

VPG® SENSORTRONICS®

65088-1000

VPG® REVERE

692B

HOWE RICHARDSON®

244699-000X

STREETER AMET®

3760XXX

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

MagnaMount™ page 80

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

475.2 to 484.8 ohm

Input Resistance:

445.5 to 454.5 ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Welded-seal, IP67

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.03% full scale

Non-repeatability:

0.01% full scale

Insulation Resistance:

1,000 megohm

Deflection at Capacity:

25,000 to 50,000 lb: 0.003 in

100,000 to 125,000 lb: 0.006 in

Cable Length:

35 ft

80 ft

Cable Diameter:

0.305 in

Polyurethane jacket

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Orange Shield

Warranty:

Two-year limited

Approvals:

NTEP 95-140

RICE LAKE
LOAD CELLS

COMPRESSION CANISTER

RL8C2P1SST

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



Picture is a representation of actual product.

Approvals

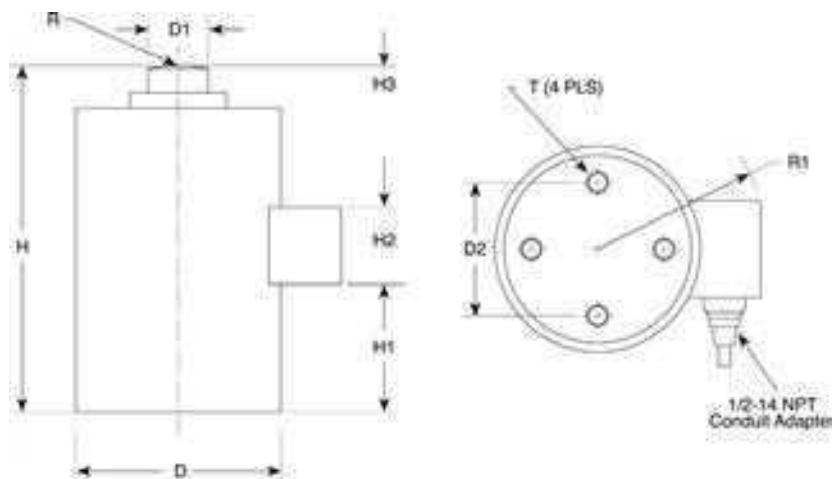


Order Information

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

Dimensions

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



Interchangeable Products

VPG® REVERE

792 page 266

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

350 (± 3.5) ohm

Input Resistance:

350 (± 3.5) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Hermetically sealed, IP68

Safe Overload:

150% full scale

Rated Excitation:

10 VDC (15 V maximum)

Combined Error:

0.03% full scale

Non-repeatability:

0.01% full scale

Insulation Resistance:

> 1,000 megohm

Deflection at Capacity:

50,000 lb: 0.004 in

100,000 lb: 0.006 in

200,000 lb: 0.009 in

Cable Length:

35 ft

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Orange Shield

Warranty:

Two-year limited

Approvals:

cFMus

NTEP 92-218

ROCKER COLUMN

RL82021

Stainless Steel, Hermetically Sealed, NTEP Certified 1:10,000 Class IIIL Multiple Cell, IP69K



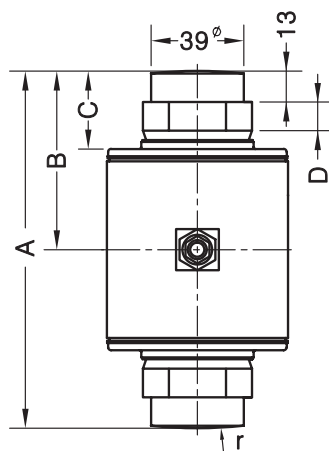
Picture is a representation of actual product.

Approvals**Order Information**

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

Dimensions

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

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

2.0 mV/V

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

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Hermetically sealer, IP69K

Safe Overload:

120% full scale

Rated Excitation:

5 to 10 VDC

Combined Error:

0.013% full scale

Non-repeatability:

0.01% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:

0.621 mm

Cable Length:

18 m overbraid cable

Cable Color Code:

Green +Excitation

Black -Excitation

Red +Signal

White -Signal

Blue +Sense

Yellow -Sense

Warranty:

Two-year limited

Approvals:

NTEP

RICE LAKE
LOAD CELLS

ROCKER COLUMN

RLSCA-50K

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



Picture is a representation of actual product.

Approvals



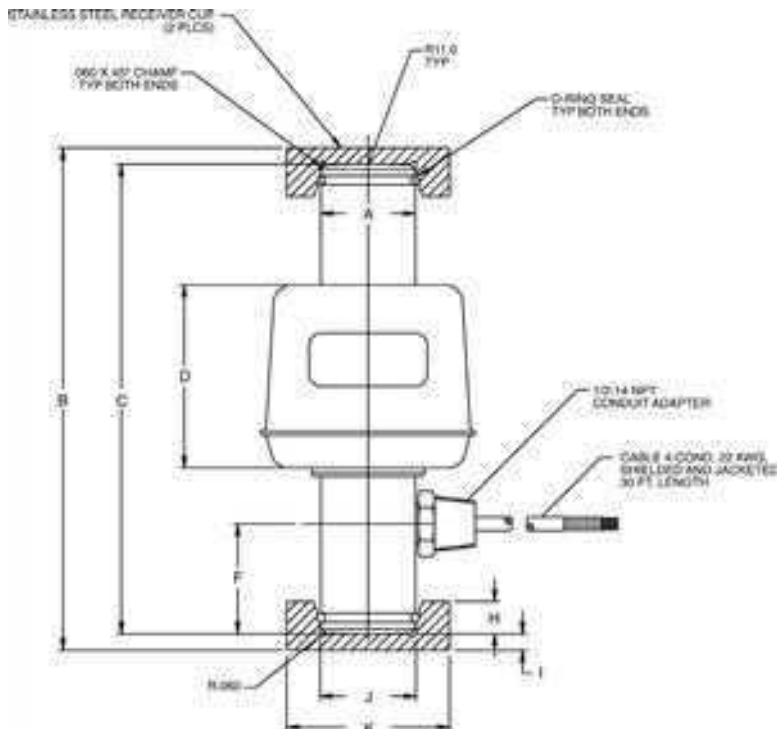
Order Information

Load Rating	Part #	Est. Weight	Price
50,000 lb*	68918	7 lb	\$1,055.00
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

Dimensions

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



Interchangeable Products

CARDINAL®
SCA-50K

Specifications

Full Scale Output:

2 mV/V nominal

Output Resistance:

1,050 (± 10) ohm

Input Resistance:

1,100 to 1,500 ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Welded-seal, IP67

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.025% full scale

Non-repeatability:

0.01% full scale

Insulation Resistance:

1,000 megohm

Cable Length:

30 ft

Cable Diameter:

0.200 in

Polyurethane jacket

Cable Color Code:

Green +Excitation

Black -Excitation

Red +Signal

White -Signal

Warranty:

Two-year limited

Approvals:

NTEP 01-073

cFMus

148 | RICE LAKE
LOAD CELLS

ROCKER COLUMN

RL70510/RL80453

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



Picture is a representation of actual product.

Approvals



Order Information: RL70510

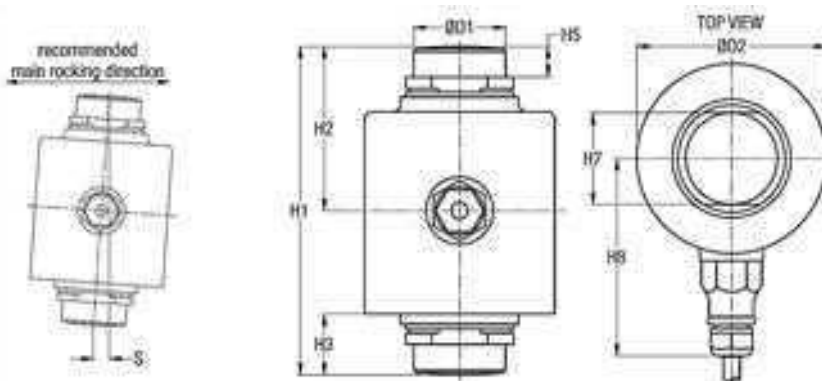
Load Rating	Part #	Est. Weight	Price
30t	169363	6 lb	\$1,044.00
Upper load cup	109332	4 lb	\$143.00
Lower load cup	109331	4 lb	\$116.00

Order Information: RL80453

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

Dimensions

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



Interchangeable Products

FAIRBANKS®

70510 LCF HR 4020-2A

FAIRBANKS

80453 LCF HR 4020-21

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

1,000 (± 2) ohm

Input Resistance:

1,150 (± 50) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Hermetically sealed, IP69K

Safe Overload:

200% full scale

Rated Excitation:

5 to 10 VDC (15 V max)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

15 ft

Cable Diameter:

0.200 in

Stainless steel overbraid cable

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Yellow Shield

Warranty:

Two-year limited

Approvals:

NTEP 15-057

RICE LAKE
LOAD CELLS

ROCKER COLUMN

RL75114-50K

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



Picture is a representation of actual product.

Approvals



Order Information

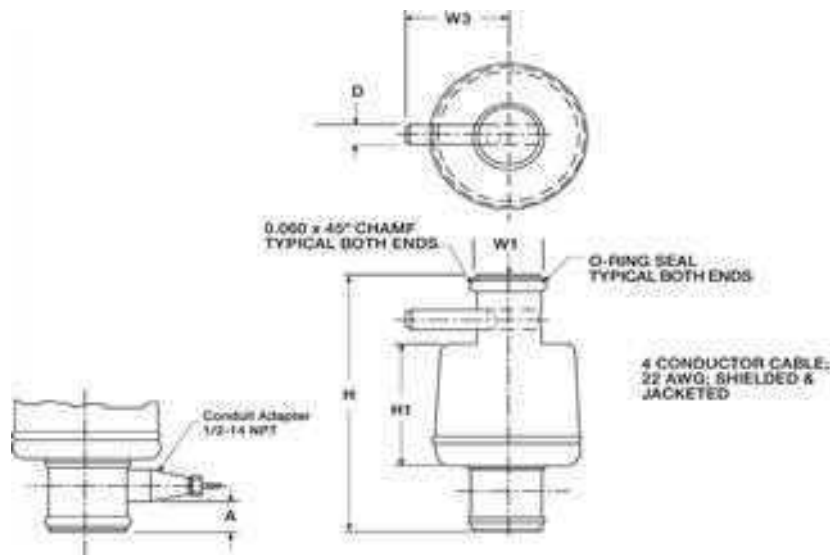
Load Rating	Part #	Est. Weight	Price
50,000 lb LE	88074	6 lb	\$1,266.00
Replacement Parts			
Replacement O-ring	92988	1lb	\$1.00
Spring pin	116181	1 lb	\$5.00

LE=Large envelope

Not interchangeable with Sensortronics 65114 - different mV/V

Dimensions

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



Interchangeable Products

FAIRBANKS®

64166..... LCF HR 4020-2

Specifications

Full Scale Output:

1.8 mV/V nominal

Output Resistance:1,000 (± 10) ohm**Input Resistance:**

1,000 ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Welded-seal, IP67

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC

Combined Error:

0.025% full scale

Non-repeatability:

0.01% full scale

Insulation Resistance:

1,000 megohm

Cable Length:

30 ft

Cable Diameter:

0.200 in overbraid cable

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Warranty:

Two-year limited

Approvals:

NTEP 06-022

cFMus

COMPRESSION DISK

RL90000

Alloy Steel, Environmentally Sealed, IP67



25K shown



5K shown

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

Picture is a representation of actual product.

Approvals**Order Information**

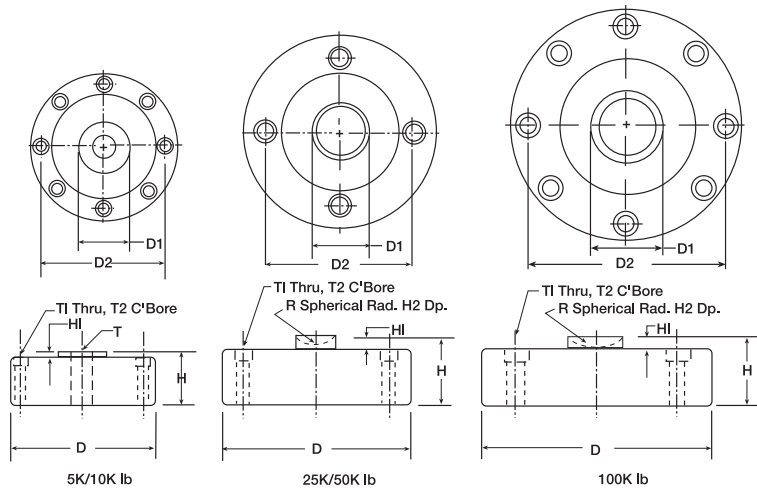
Load Rating	Part #	Est. Weight	Price
5,000 lb*	33061	6 lb	\$689.00
10,000 lb*	33062	6 lb	\$689.00
25,000 lb	33063	9 lb	\$843.00
50,000 lb	33064	9 lb	\$843.00
100,000 lb	33065	13 lb	\$990.00
Load Cup**	33616		\$37.00

*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.

Dimensions

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

**Interchangeable Products**

VPG® CELTRON®

LCDpage 199

Specifications**Full Scale Output:**

4.0 mV/V

Output Resistance:

5,000 to 50,000 lb: 350 (± 3) ohm

100,000 lb: 700 (± 5) ohm

Input Resistance:

5,000 to 50,000 lb: 385 (± 5) ohm

100,000 lb: 770 (± 70) ohm

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

15 VDC (15 V maximum)

Nonlinearity:

0.05% full scale

Hysteresis:

0.02% full scale

Insulation Resistance:

2,000 megohm

Cable Length:

50 ft

Cable Diameter:

5,000 to 25,000 lb: 0.200 in

50,000 to 100,000 lb: 0.305 in

Polyurethane jacket

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited

Approvals:

cFMus

RICE LAKE
LOAD CELLS

SINGLE POINT

RLPC3SS

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



Picture is a representation of actual product.

Approvals

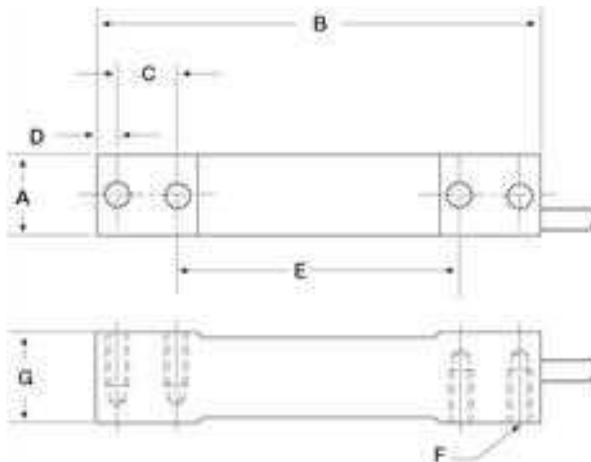


Order Information

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

Dimensions

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



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL1380.....page 166

FLINTEC®

PC3.....page 216

HBK®

PWS.....page 231

Specifications

Full Scale Output:

2 mV/V

Output Resistance:

350 (± 10) ohm

Input Resistance:

385 (± 15) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

10 ft

Cable Diameter:

0.140 in

Polyurethane jacket

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Yellow Shield

Max Platform Size:

7 kg to 30 kg: 350 × 350 mm

60 kg to 150 kg: 450 × 450 mm

Warranty:

One-year limited

Approvals:

NTEP 21-017

OIML R60/2017-A-NL1-21.17

SINGLE POINT
RLPC4SS-HE

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



Picture is a representation of actual product.

Approvals

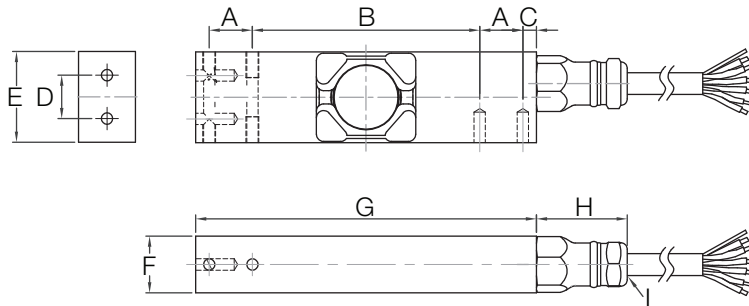


Order Information

Load Rating	Part #	Est. Weight	Price
10 kg	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

Dimensions

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



Interchangeable Products

FLINTEC®

PC4 page 217

HBK®

PW15AH* page 230

*350 Ohm

Specifications

Full Scale Output:

2 mV/V

Output Resistance:

960 (± 50) ohm

Input Resistance:

1100 (± 50) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Hermetically sealed, IP69K

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC

Combined Error:

0.02% full scale

Insulation Resistance:

> 5,000 megohm

Cable Length:

10 ft

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Blue +Sense

Brown -Sense

Yellow Shield

Max Platform Size:

500 × 400 mm

Warranty:

One-year limited

Approvals:

NTEP 21-016

OIML R60/2017-A-NL1-21.18

**RICE LAKE
LOAD CELLS**

SINGLE POINT

RLPC6

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



Picture is a representation of actual product.

Approvals

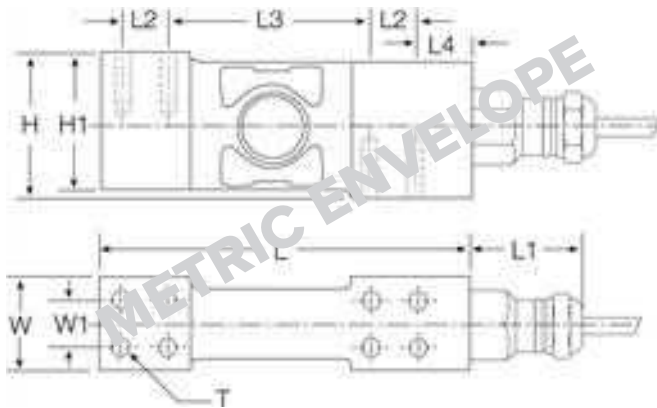


Order Information

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

Dimensions

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



Interchangeable Products

FLINTEC®

PC6 page 218

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

960 (± 50) ohm, nominal

Input Resistance:

1,100 (± 50) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Hermetically sealed, IP69K

Safe Overload:

200% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

10 ft

Cable Diameter:

0.196 in

Polyurethane jacket

Deflection at Capacity:

0.006 to 0.010 in

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Yellow Shield

Max Platform Size:

24 × 24 in

Warranty:

Two-year limited

Approvals:

FM

NTEP 06-011

SINGLE POINT
RLPWM15HE

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



Picture is a representation of actual product.

Approvals

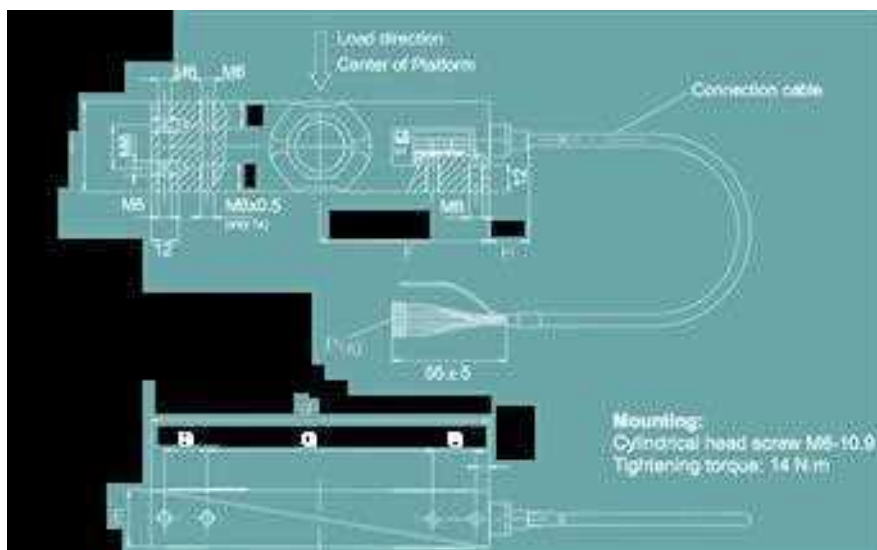


Order Information

Load Rating	Part #	Est. Weight	Price
10 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

Dimensions

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



Interchangeable Products

HBK®
PW15AH page 230

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

350 (± 10) ohm

Input Resistance:

380 (± 15) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Hermetically sealed, IP69K

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

1,000 megohm

Cable Length:

10 ft

2.83 ft

Cable Diameter:

0.212 in PVC jacket

Cable Color Code:

Blue +Excitation

Black -Excitation

White +Signal

Red -Signal

Green +Sense

Grey -Sense

Max Platform Size:

500 × 400 mm

Warranty:

Two-year limited

Approvals:

FM

NTEP 09-015

**RICE LAKE
LOAD CELLS**

SINGLE POINT

RLPWM15

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



Picture is a representation of actual product.

Approvals

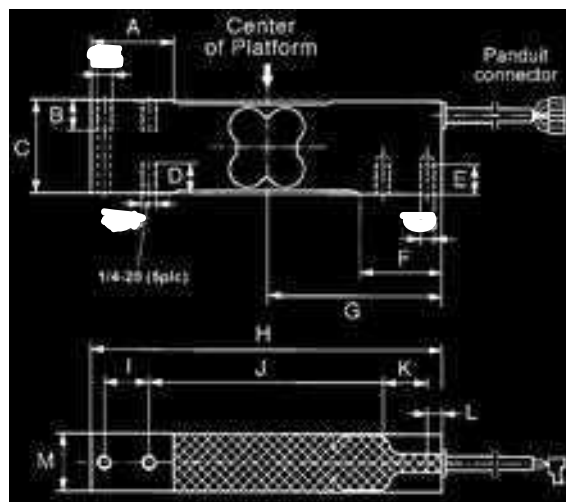


Order Information

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

Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	I	J	K	L	M	T
kg/mm														
10 to 100	35.0	13.0	40.0	13.0	13.0	35.0	75.0	150.0	19.0	100.0	19.0	6.2	25.0	1/4-20 UNC



Interchangeable Products

HBK®

PW15..... page 229

VPG® TEDEA-HUNTLEIGH®

1142..... page 318

Specifications

Full Scale Output:

2.0 mV/V

Bridge Resistance:

350 ohm, nominal

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

1,000 megohm

Cable Length:

10 ft

Cable Diameter:

0.190 in PVC jacket

Cable Color Code:

Blue +Excitation

Black -Excitation

White +Signal

Red -Signal

Green +Sense

Grey -Sense

Max Platform Size:

15 × 15 in

Warranty:

Two-year limited

Approvals:

FM

NTEP 11-038

SINGLE POINT

RLPCBC-60

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



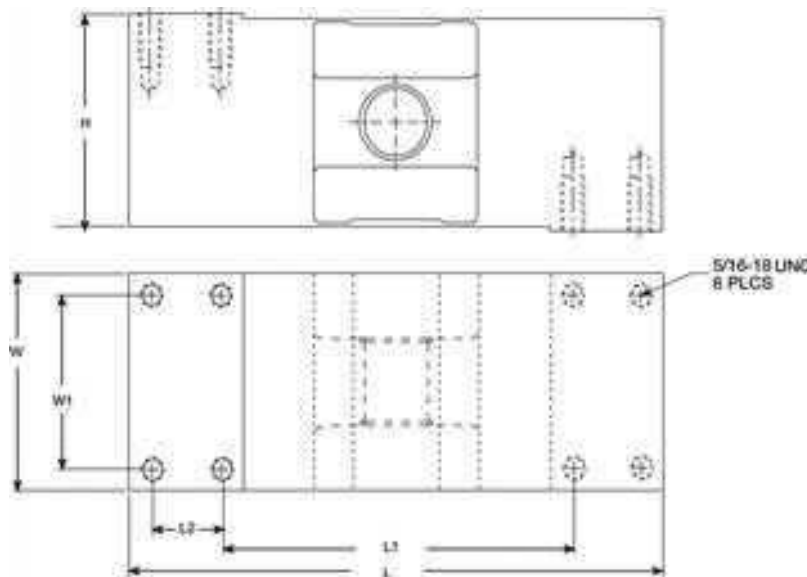
Picture is a representation of actual product.

Approvals**Order Information**

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

Dimensions

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

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

2 mV/V

Output Resistance:960 (± 50) ohm**Input Resistance:**1,100 (± 50) ohm**Material/Finish:**

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Hermetically sealed, IP69K

Safe Overload:

200% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC

Combined Error:

0.020% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

10 ft

Cable Diameter:

0.196 in

Polyurethane jacket

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Blue +Sense

Brown -Sense

Yellow Shield (shield connected to element)

Max Platform Size:

24 × 24 in

Warranty:

Two-year limited

Approvals:

FM

NTEP 07-094

RICE LAKE
LOAD CELLS

SINGLE POINT

RL1521A

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



Picture is a representation of actual product.

Approvals

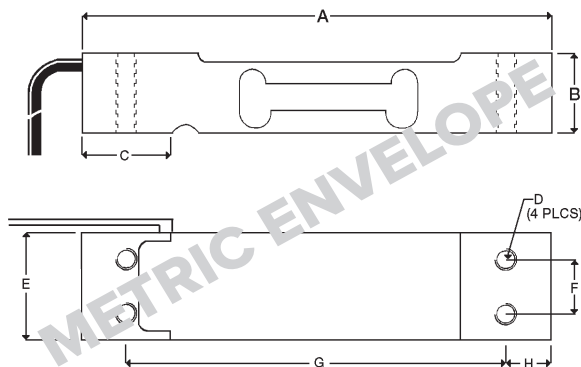


Order Information:

Load Rating	Part #	Est. Weight	Price
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

Dimension

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



Interchangeable Products

VPG® CELTRON®

LPS except 3 kg page 197

VPG® TEDEA-HUNTLEIGH®

1022 page 310

VPG® BLH®

C2G1

FAIRBANKS®

4900 Series
Checkweighers

NMB®

C2G1

ARTECH®

61022

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

350 (± 3) ohm

Input Resistance:

410 (± 15) ohm

Material/Finish:

Aluminum

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP66

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.03% full scale

Insulation Resistance:

2,000 megohm

Cable Length:

10 ft

1.50 ft

Cable Diameter:

0.14 in PVC jacket

Cable Color Code:

Green +Excitation

Black -Excitation

Red +Signal

White -Signal

Max Platform Size:

13.75 × 13.75 in

Warranty:

Two-year limited

Approvals:

cFMus

NTEP 98-166

SINGLE POINT

RL1010

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



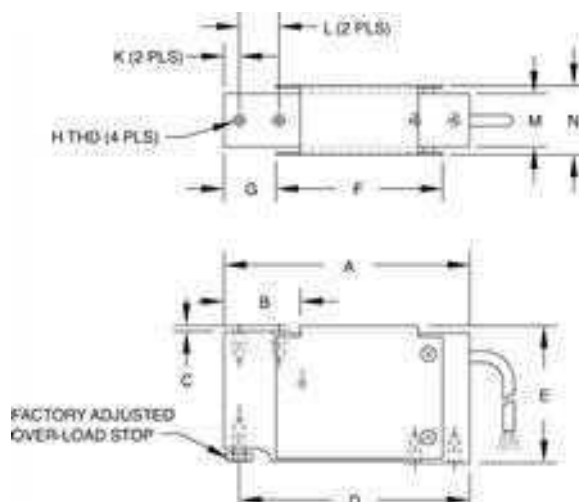
Picture is a representation of actual product.

Approvals**Order Information**

Load Rating	Part #	Est. Weight	Price
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

Dimensions

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

**Interchangeable Products**

VPG® TEDEA-HUNTLEIGH®

1010/1015page 311**Specifications****Full Scale Output:**

2.0 mV/V

Output Resistance:

350 (± 3) ohm, nominal

Input Resistance:

415 (± 15) ohm

Material/Finish:

Anodized aluminum

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Potted: IP67

Unpotted: IP65

Safe Overload:

150% at center of loading point, full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:

0.015 in

Cable Length:

Potted: 10 ft

Unpotted: 3 ft

Cable Diameter:

0.200 in PVC jacket

Cable Color Code:

Green +Excitation

Black -Excitation

Red +Signal

White -Signal

Blue +Sense

Brown -Sense

Max Platform Size:

15.75 x 15.75 in

Warranty:

Two-year limited

Approvals:

cFMus

NTEP 00-062

RICE LAKE
LOAD CELLS

SINGLE POINT

RLSP4

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



Picture is a representation of actual product.

Approvals

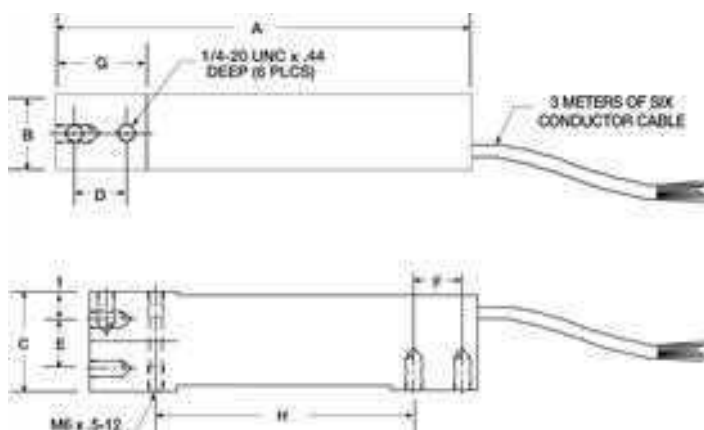


Order Information

Load Rating	Part #	Est. Weight	Price
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

Dimensions

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



Interchangeable Products

HBK®
SP4M..... page 228

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

350 (± 3) ohm

Input Resistance:

350 ohm

Material/Finish:

Anodized aluminum

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP66

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:

0.4 mm

Cable Length:

10 ft

Cable Diameter:

0.19 in PVC jacket

Cable Color Code:

Green +Excitation

Black -Excitation

Red +Signal

White -Signal

Blue +Sense

Brown -Sense

Yellow Shield

Max Platform Size:

5 to 10 kg: 12 × 12 in

15 to 30 kg: 18 × 18 in

50 to 100 kg: 24 × 24 in

Warranty:

Two-year limited

Approvals:

FM

NTEP 05-114

SINGLE POINT

RLPWM12

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

Limited Stock Available

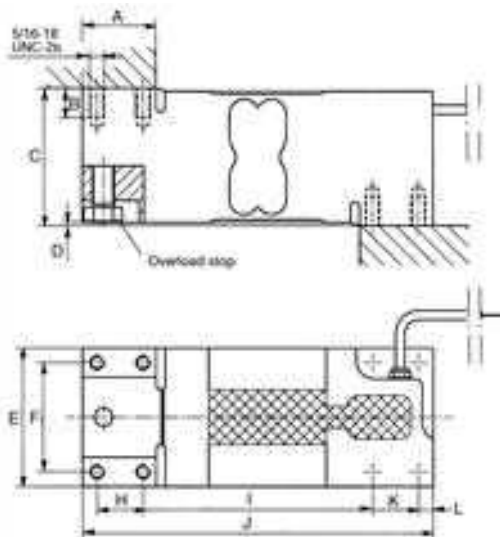
Picture is a representation of actual product.

Approvals**Order Information**

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

Dimensions

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

**Interchangeable Products**

VPG® TEDEA-HUNTLEIGH®

1250 page 322**Specifications****Full Scale Output:**

2.0 mV/V

Output Resistance:

330 to 450 ohm, nominal

Input Resistance:

300 to 500 ohm

Material/Finish:

Aluminum

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

1,000 megohm

Cable Length:

10 ft

Cable Diameter:

0.190 in PVC jacket

Cable Color Code:

Green +Excitation

Black -Excitation

Red +Signal

White -Signal

Blue +Sense

Brown -Sense

Max Platform Size:

30 × 30 in

Warranty:

Two-year limited

Approvals:

FM

NTEP 05-113

**RICE LAKE
LOAD CELLS**

SINGLE POINT

RLPWM16

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

**Limited Stock
Available**

Picture is a representation of actual product.

Approvals

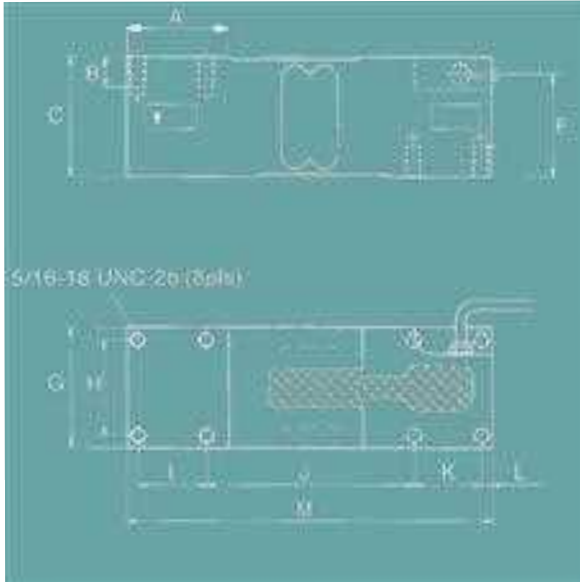


Order Information

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

Dimensions

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



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL1260

VPG® TEDEA-HUNTLEIGH®

1260 page 319

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

300 to 500 ohm

Input Resistance:

300 to 500 ohm

Material/Finish:

Aluminum

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

1,000 megohm

Cable Length:

10 ft

Cable Diameter:

0.190 in PVC jacket

Deflection at Capacity

50 to 635 kg < 0.6 mm

Cable Color Code:

Green +Excitation

Black -Excitation

Red +Signal

White -Signal

Blue +Sense

Brown -Sense

Max Platform Size:

24 × 24 in

Warranty:

Two-year limited

Approvals:

FM

NTEP 05-112

Limited Stock Available

SINGLE POINT
RL1042

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



Picture is a representation of actual product.

Approvals

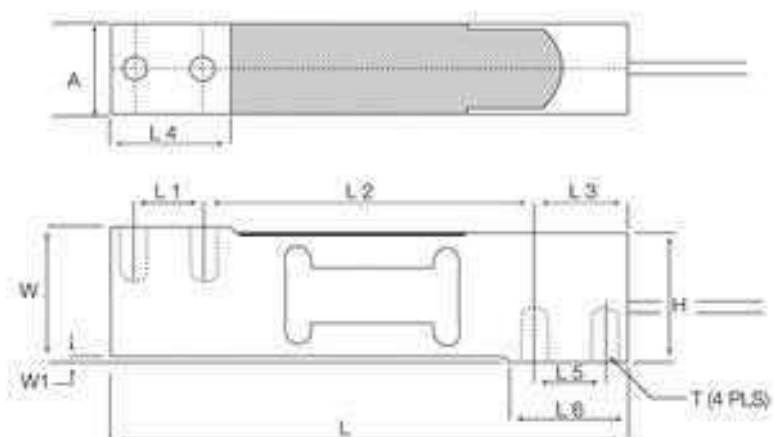


Order Information

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

Dimensions

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



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RLSP4.....page 160

VPG® TEDEA-HUNTLEIGH®

1042.....page 313

HBK®

SP4M.....page 228

FLINTEC®

PC 42

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

350 (± 3) ohm

Input Resistance:

415 (± 15) ohm

Material/Finish:

Aluminum

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP66

Safe Overload:

150% full scale

Over-center loading point

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

2,000 megohm

Deflection at Capacity:

0.015 in

Cable Length:

10 ft

Cable Diameter:

0.200 in PVC jacket

Cable Color Code:

Green +Excitation

Black -Excitation

Red +Signal

White -Signal

Blue +Sense

Brown -Sense

Max Platform Size:

16 × 16 in

Warranty:

Two-year limited

Approvals:

FM

NTEP 97-138

RICE LAKE
LOAD CELLS

SINGLE POINT

RL1040

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



Picture is a representation of actual product.

Approvals

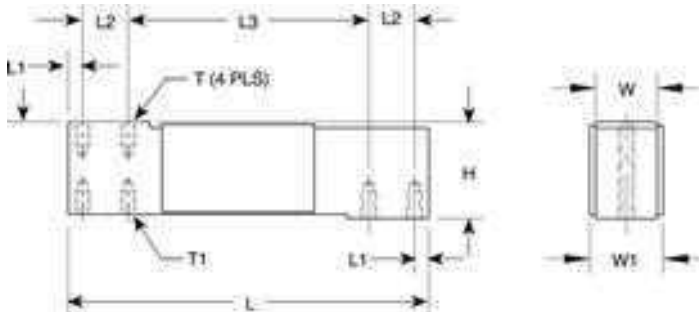


Order Information

Load Rating	Part #	Est. Weight	Price
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

Dimensions

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



Interchangeable Products

VPG® TEDEA-HUNTLEIGH®

1040 page 314

CARDINAL®

TSP

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

350 (± 3) ohm

Input Resistance:

415 (± 5) ohm

Material/Finish:

Anodized aluminum

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Potted, IP67

Unpotted, IP65

Safe Overload:

200% at center loading point, full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

2,000 megohm

Deflection at Capacity:

0.4 mm

Cable Length:

10 ft

Cable Diameter:

0.200 in PVC jacket

Cable Color Code:

Green +Excitation

Black -Excitation

Red +Signal

White -Signal

Blue +Sense

Brown -Sense

Max Platform Size:

15.75 × 15.75 in

Warranty:

Two-year limited

Approvals:

cFMus

NTEP 95-074

SINGLE POINT

RL1140

Stainless Steel, Environmentally Sealed, Potted IP65



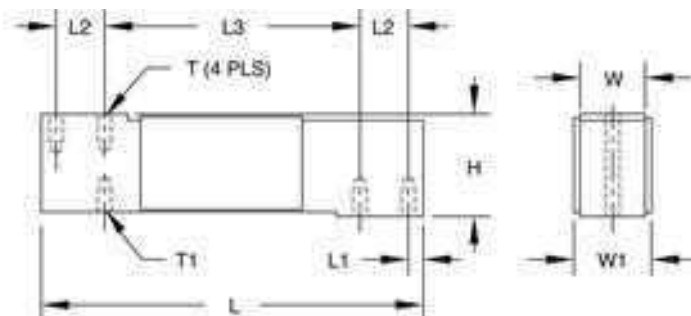
Picture is a representation of actual product.

Approvals**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

Dimensions

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

**Interchangeable Products**

VPG® TEDEA-HUNTLEIGH®

1140 page 316**Specifications****Full Scale Output:**

2.0 mV/V

Output Resistance:

350 (± 5) ohm, nominal

Input Resistance:

383 (± 15) ohm

Material/Finish:

Stainless steel

Temperature:

Operating:

14 ° F to 104 ° F (-10 ° C to 40 ° C)

Compensated:

14 ° F to 104 ° F (-10 ° C to 40 ° C)

Seal Type:

Environmentally sealed, IP65

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

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

2,000 megohm

Deflection at Capacity:

0.4 mm

Cable Length:

10 ft

Cable Diameter:

0.200 in PVC jacket

Cable Color Code:

Green +Excitation

Black -Excitation

Red +Signal

White -Signal

Blue +Sense

Brown -Sense

Max Platform Size:

15.75 × 15.75 in

Warranty:

Two-year limited

Approvals:

cFMus

RICE LAKE
LOAD CELLS

SINGLE POINT

RL1380

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



Picture is a representation of actual product.

Approvals

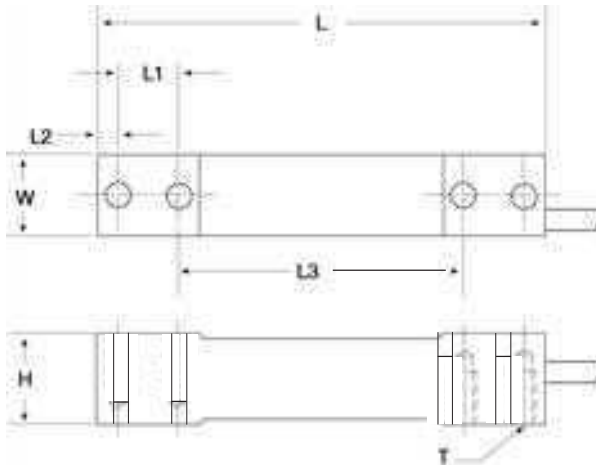


Order Information

Load Rating	Part #	Est. Weight	Price
7 kg	30783	2 lb	\$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

Dimensions

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



Interchangeable Products

HBK®

PWS page 231

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

359 (± 10) ohm

Input Resistance:

390 (± 15) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.03% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:

<0.4 mm full scale

Cable Length:

10 ft

Cable Diameter:

0.190 in

Polyurethane jacket

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Yellow Shield

Max Platform Size:

15.75 × 15.75 in

Warranty:

Two-year limited

Approvals:

FM

NTEP 94-128

SINGLE POINT
RL1385

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



Picture is a representation of actual product.

Approvals

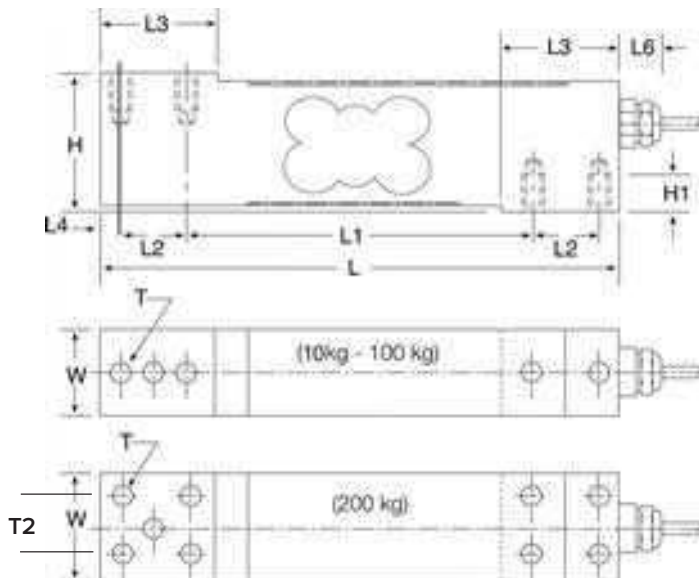


Order Information

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

Dimensions

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



Interchangeable Products

FLINTEC®

PC1.....page 215

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

330 (± 25) ohm

Input Resistance:

390 (± 20) ohm

Material/Finish:

Stainless steel

Temperature:

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

Seal Type:

Environmentally sealed, IP67

Safe Overload:

200% full scale

Rated Excitation:

5 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

10 ft

Cable Diameter:

0.196 in
Polyurethane jacket

Cable Color Code:

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

Max Platform Size:

18 × 18 in

Warranty:

Two-year limited

Approvals:

FM
NTEP 00-125

RICE LAKE
LOAD CELLS

SINGLE POINT

RL260FD

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



Protective Cover

Picture is a representation of actual product.

Approvals

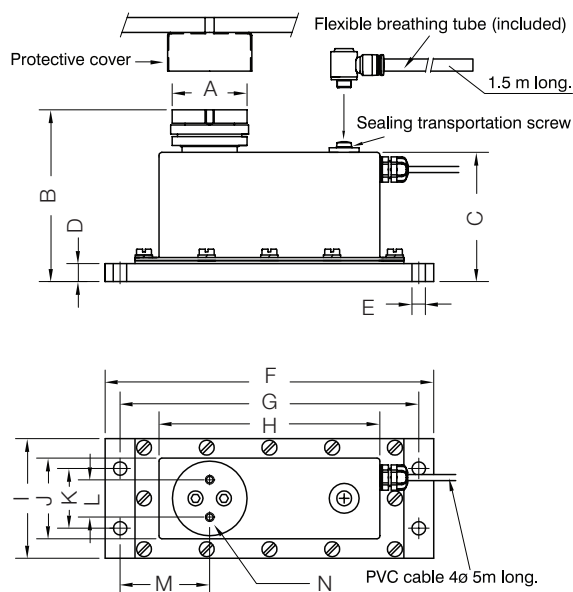


Order Information

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

Dimensions

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



Interchangeable Products

VPG® TEDEA-HUNTLEIGH®

240* page 325

*5000d NTEP, 10ft cable

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

350 (± 3) ohm

Input Resistance:

400 (± 20) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP68

Safe Overload:

200% of full scale

Rated Excitation:

5 to 10 VDC

Combined Error:

0.017% full scale

Insulation Resistance:

> 5,000 megohm

Cable Length:

5 m

Cable Color Code:

Green +Excitation

Black -Excitation

Red +Signal

White -Signal

Blue +Sense

Yellow -Sense

Warranty:

Two-year limited

Approvals:

NTEP 20-045

cFMus

SINGLE POINT
RL26018A

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



Picture is a representation of actual product.

Approvals

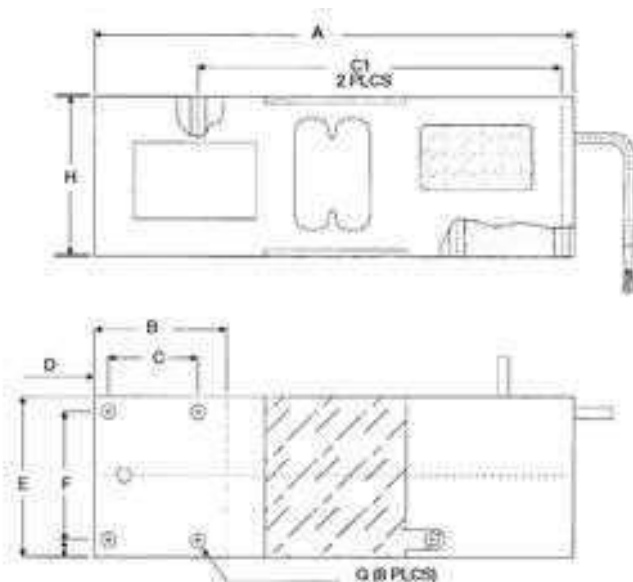


Order Information

Load Rating	Part #	Est. Weight	Price
50 kg	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

Dimensions

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



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS	
RLPWM16	page 162
RICE LAKE WEIGHING SYSTEMS	
RL1260	
VPG® TEDEA-HUNTLEIGH®	
1260	page 319

Specifications

Full Scale Output:

2.0 mV/V nominal

Output Resistance:

350 (± 3) ohm

Input Resistance:

415 (± 15) ohm

Material/Finish:

Anodized aluminum

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% of full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

> 5,000 megohm

Deflection at Capacity:

0.3 to 0.5 mm

Cable Length:

10 ft

Cable Color Code:

Green +Excitation

Black -Excitation

Red +Signal

White -Signal

Blue +Sense

Yellow -Sense

Warranty:

Two-year limited

Approvals:

cFMus

NTEP 18-108

RICE LAKE
LOAD CELLS

SINGLE POINT

RL1218A

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



Picture is a representation of actual product.

Approvals

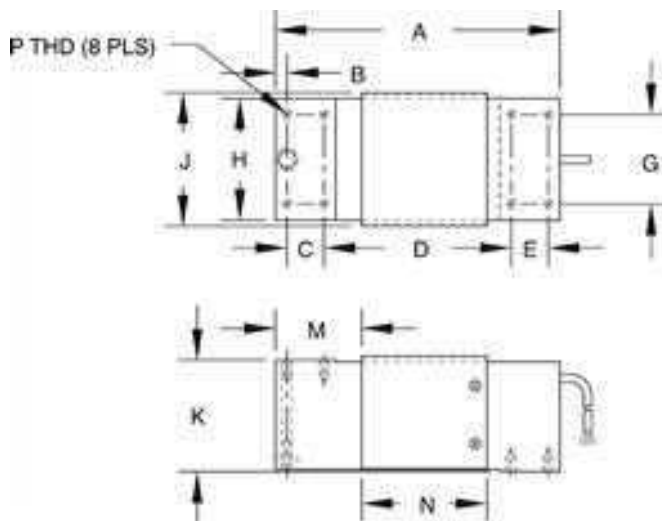


Order Information

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

Dimensions

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



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RLPWM12.....page 161

VPG® TEDEA-HUNTLEIGH®

1250 page 322

Specifications

Full Scale Output:

2.0 mV/V nominal

Output Resistance:

350 (± 3) ohm

Input Resistance:

415 (± 15) ohm

Material/Finish:

Anodized aluminum

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

> 5,000 megohm

Deflection at Capacity:

0.4 mm

Cable Length:

10 ft

Cable Color Code:

Green +Excitation

Black -Excitation

Red +Signal

White -Signal

Blue +Sense

Yellow -Sense

Max Platform Size:

50 to 500 kg: 800 × 800 mm

635 to 1,000 kg: 600 × 600 mm

Warranty:

Two-year limited

Approvals:

cFMus

NTEP 18-133

SINGLE POINT
RL42018A

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



Picture is a representation of actual product.

Approvals

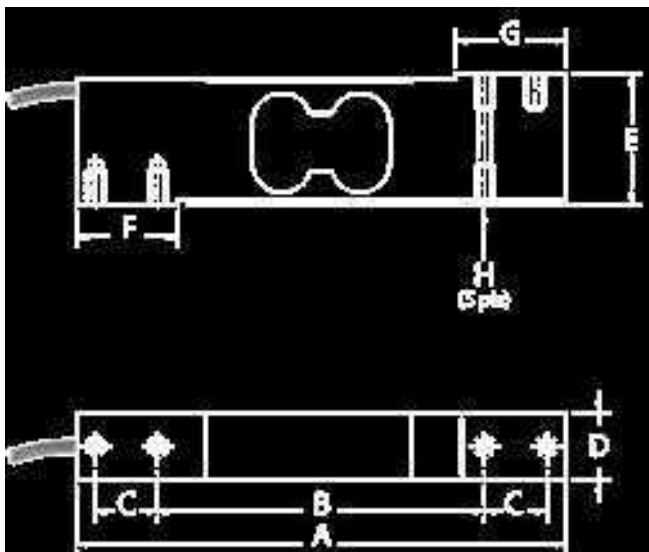


Order Information

Load Rating	Part #	Est. Weight	Price
3 kg	188672	2 lb	\$190.00
5 kg	188673	2 lb	\$190.00
7 kg	188674	2 lb	\$190.00
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

Dimensions

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



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL1042.....page 163

RICE LAKE WEIGHING SYSTEMS

RLSP4.....page 160

VPG® TEDEA-HUNTLEIGH®

1042.....page 313

HBK®

SP4M*.....page 228

*Color code is different

Specifications

Full Scale Output:

2.0 mV/V ± 10%

Output Resistance:

350 (± 3) ohm

Input Resistance:

400 (± 20) ohm

Material/Finish:

Aluminum

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP66

Safe Overload:

150% of full scale at center loading point

Rated Excitation:

10 VDC

Combined Error:

0.02% full scale

Insulation Resistance:

> 5,000 megohm

Deflection at Capacity:

0.3 to 0.5 mm

Cable Length:

10 ft

Cable Color Code:

Green +Excitation

Black -Excitation

Red +Signal

White -Signal

Blue +Sense

Yellow -Sense

Max Platform Size:

15.75 × 15.75 in max

Warranty:

Two-year limited

Approvals:

cFMus

NTEP 18-105

RICE LAKE
LOAD CELLS

SINGLE POINT

RLFLS

Stainless Steel, Environmentally Sealed, Potted, IP67

**Limited Stock
Available**

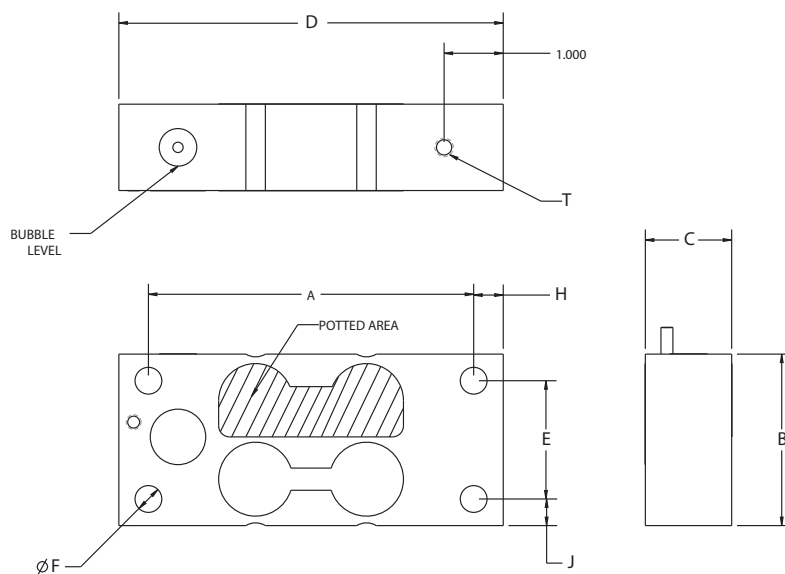
Picture is a representation of actual product.

Order Information

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

Dimensions

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

**Interchangeable Products**AVERY WEIGH-TRONIX®
FLS**Specifications****Full Scale Output:**

1.0 (± 10%) mV/V

Output Resistance:

350 (± 3) ohm

Input Resistance:

385 (± 10) ohm

Material/Finish:

Stainless steel

Temperature:

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5 to 15 VDC

Nonlinearity:

0.02% full scale

Hysteresis:

0.02% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

10 ft

Cable Color Code:

Green +Excitation

Black -Excitation

Red +Signal

White -Signal

Warranty:

Two-year limited

PLANAR BEAM
RLBLP

Aluminum, Environmentally Sealed, IP65



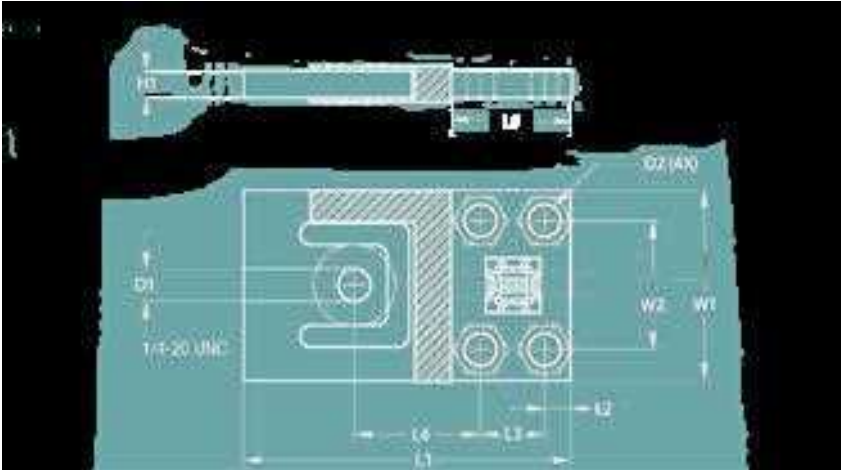
Picture is a representation of actual product.

Order Information

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

Dimensions

Rated Capacity	L1	L2	L3	L4	L5	W1	W2	H1	D1	D2
kg/mm										
15.0	70.0	4.9	14.0	28.0	23.7	39.0	27.8	4.1	7.6	5.1
37.5	76.2	6.0	15.0	29.3	27.0	44.5	30.0	4.8	7.6	6.6
75.0	84.4	6.4	15.0	34.0	27.7	54.8	30.0	6.4	7.6	6.6
150.0	107.3	7.8	22.9	45.9	38.4	69.9	44.5	7.9	9.1	8.1



Interchangeable Products

FLNTEC®
PB.....page 221

Specifications

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

RICE LAKE
LOAD CELLS

TENSION LINK

RL2010

Stainless Steel, Environmentally Sealed, IP67



Picture is a representation of actual product.

Specifications**Full Scale Output:**

3.0 (± 0.1%) mV/V

Bridge Resistance:

350 ohm, nominal

Material/Finish:

Stainless steel

Temperature:

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Linearity:

0.05% full scale

Repeatability:

0.03% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

40 ft

Cable Diameter:

0.25 in

Polyurethane jacket with connector

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Warranty:

Two-year limited

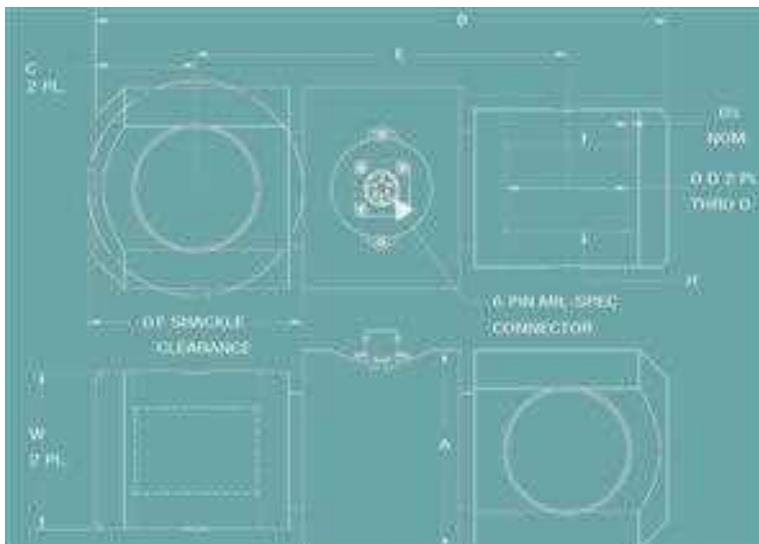
Order Information

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

NOTE: Consult factory for shackles

Dimensions

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





MSI Load Pin Sensors



Standard Features

- Designed and manufactured to each integrated solution. Machined from 17-4 stainless steel for safety, strength and corrosion resistance.

(Contact MSI for application consultation)

For most overhead applications, MSI load pin sensors are an ideal solution. However, applications with limited to no headroom require specialty equipment beyond even reduced-height or low-profile crane scales.

One such solution is an MSI load pin sensor. A load pin sensor is a type of load cell that directly replaces clevis, pivot, normal shaft or equalizer pins. Load pin sensors are designed to be permanently installed, so they can continuously monitor vertical or horizontal tension. An integrated load pin provides load monitoring and overload protection without impacting headroom to promote safety and to prevent costly equipment damage.

Rice Lake's industry leading engineers design and manufacture custom load pin sensors for any application. Every load pin is constructed from stainless steel for safety, strength (minimum 5:1) and corrosion resistance.

To receive a quote for a load pin sensor, complete the load pin questionnaire on page 176 or online at www.ricelake.com/questionnaires. For further assistance, contact an MSI overhead weighing specialist.

RICE LAKE
LOAD CELLS

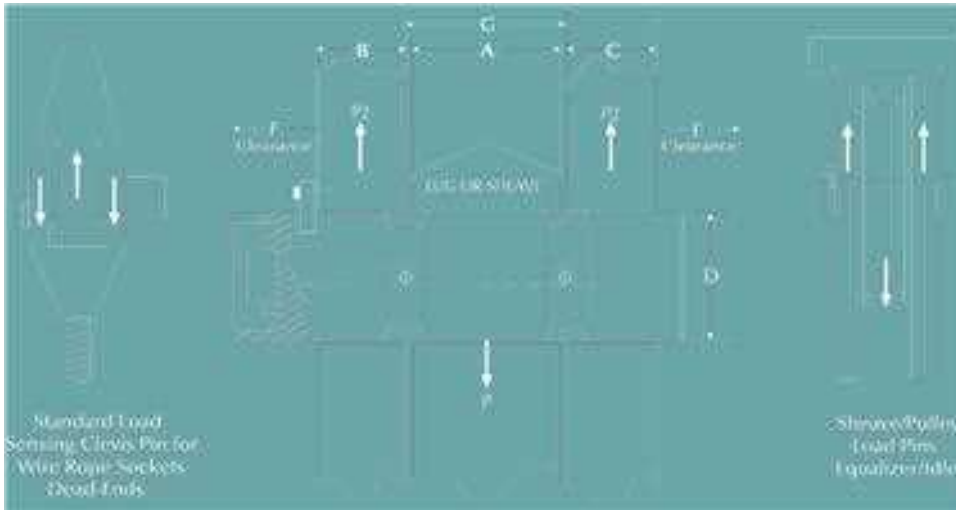
MSI Load Pin Questionnaire

Name: _____

Company: _____

Phone: _____

LOAD PIN CRITICAL DIMENSIONS



A=Width	B=Width	C=Width	D=Diameter	E=Clearance	F=Clearance	G=Width
inch	inch	inch	inch	inch	inch	inch

NOTE: Minimum clearance between A and G is 0.0625 inch

LOAD PIN DATA

Lube port: ☐ Yes ☐ No _____ # of exits
 Hoist capacity: _____ tons
 Parts of wire rope: _____
 Sensor capacity: _____ tons
 Safety factor: ☐ 3:1 ☐ 5:1 ☐ 7:1 ☐ 10:1
 Application: _____

Accuracy requirement: _____
 Temperature requirement: _____
 Output requirement: _____
 Material testing requirements: _____
 Load vector orientation/alignment:
☐ ← ☐ → ☐ ↑ ☐ ↓

CABLE CONNECTIONS

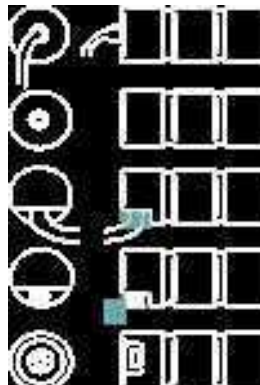
End-mounted cable:

End-mounted connector:
(standard)

Side-mounted cable:

Side-mounted connector:

Recessed connector:



Sensor's cable length: _____ feet

Comments: _____

Form #0201 New 10/2024

MSI Tension Link

Load Cell



Standard Features

- Integrates between a crane block and lifting equipment to provide force measurement for lifted items. This ideal integration for cranes features a 7:1 safety factor for compliance with industrial and military safety requirements.

Options

(Contact MSI for application consultation)

- Crosby® top and bottom shackles

Specifications

Full Scale Output:

0.8 mV/V

Output Resistance:

2,000 ohm

Input Resistance:

1,500 ohm

Material/Finish:

4340 steel

Connector Pin Out:

A: EX +

B: Sig +

C: Sig —

D: EX —

Accuracy:

0.1% sensor accuracy

Part Number/Price

Part #	Description	Price
181907	2 K 7200 style load cell only	Consult
181908	5 K 7200 style load cell only	Consult
181909	10 K 7200 style load cell only	Consult
178093	25 K 7200 style load cell only	Consult
178094	50 K 7200 style load cell only	Consult
181910	100 K 7200 style load cell only	Consult

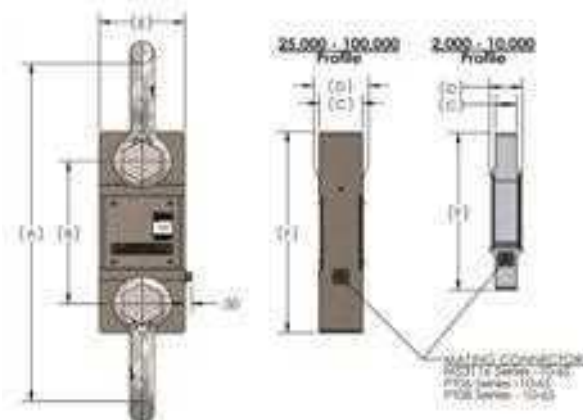
Contact factory for higher capacities

Options/Accessories

Part #	Description	Price
165978	Load cell to MSI-7001 interface cable, 6.5 ft	\$345.00
165979	Load cell to MSI-7001 interface cable, 10 ft	\$365.00
165990	Load cell to MSI-7001 interface cable, 25 ft	\$460.00
134505	Load cell mating cable to bare wires, 10 ft	\$195.00

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

RICE LAKE
LOAD CELLS

MSI Clamp-On

Load Cell



Standard Features

- A durable solution for measuring wire rope tension and preventing overloads for cranes and hoists. Available in two envelopes for accommodating the most common wire ropes. Weight-based setpoints can provide the operator alerts and safety shut-offs based on unsafe load conditions.

Options

(Contact MSI for application consultation)

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

Specifications

System Accuracy of Calibrated Capacity:
3 to 5%

Output Resistance:
350 ohm

Material/Finish:
4340 steel, zinc plated

IP Rating:
IP68

Cable Length:
20 ft integral cable with blunt end termination

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

Part Number/Price

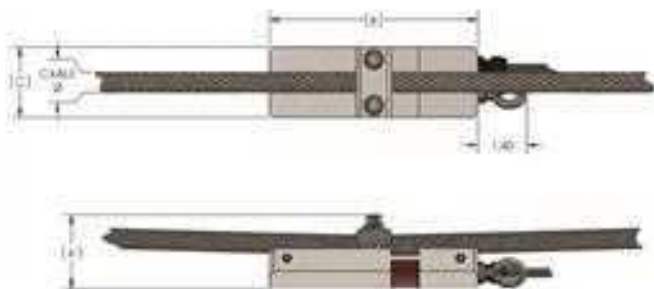
Part #	Description	Price
179080	Load Cell Assembly Clamp-On for 3/8 to 1/2 in wire rope	\$790.00
179082	Load Cell Assembly Clamp-On for 9/16 to 3/4 in wire rope	\$940.00
188816	Kit with SCT-2200 for 3/8 to 1/2 in wire rope	\$1,400.00
188817	Kit with SCT-2200 for 9/16 to 3/4 in wire rope	\$1,550.00

Larger diameter clamp ons available - call for pricing

Dimensions

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

*8mm cable can be used with PN 179080



Optional SCT-2200 transmitter