

S-Beams



RL20000, Alloy Steel Page 97

Ideally suited for scale conversions and general-purpose weighing. Compact and rugged design. Capacities from 25 to 20,000 lb (11.3 to 9071.9 kg). Complete with 20' (6.1m) of load cell cable.



RL20000 SS, Stainless Steel Page 98

For the very first time, we are offering the RL20000SS with *NTEP certification*. This upgraded version is immediately available from stock, and is ideal for all of your tension applications. Whether it is a suspended application or mechanical scale conversion, this model provides the additional protection necessary in wet, corrosive environments. Available in capacities ranging from 50 to 10,000 lb. (22.7 to 4535.9 kg).



RL20001, Alloy Steel Page 99

Ideally suited for scale conversions, tension applications and general-purpose weighing. Compact and rugged design. Capacities from 250 to 20,000 lb (113.4 to 9071.9 kg). Complete with 20' (6.1m) of load cell cable.



RL20001 HE, Stainless Steel Page 100

Our fastest growing S-Beam product now has NTEP certification to go along with its unrivaled protection against the elements. The RL20001HE is a full stainless, welded seal S-Beam available in capacities ranging from 500 to 20,000 (226.8 to 9071.9 kg). This model is featured in our new ITCM HE products, and is ideal for the harshest tension mounting applications. NTEP approval from 500 to 5000 lbs.



RLETS, Alloy Steel Page 101

Ideally suited for scale conversions and general-purpose weighing. OIML approved and metric envelope capacities from 250 to 2500 kg (551.2 to 5512.5 lb). Complete with 6m (19.7') of load cell cable.



Single-Ended Beams



RL30000, RL30002, Alloy Steel Threaded/Thru Page 102

Single-ended beam designed for low-profile scales and process applications. NTEP-certified cells in capacities from 1000 to 10,000 lb (453.6 to 4535.9 kg); Non-NTEP cells from 250 to 20,000 lb (113.4 to 9071.9 kg). Complete with 20' (6.1m) of load cell cable.



RL30000W Featured Products Section Page 5, Page 103

RICE LAKE WEIGHING SYSTEMS

Single-Ended Beams (Continued)

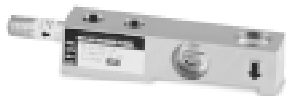
RL39123, Stainless Steel Page 104



Single-ended beam in stainless steel. Designed for low-profile scales and process applications. Capacities from 250 to 10,000 lb (113.4 to 4535.9 kg). Complete with 20' (6.1m) of load cell cable.



RL30745 Single-Ended Beam, Stainless Steel, Hermetically Sealed Page 105



This stainless steel, hermetically-sealed single-ended beam provides excellent protection against corrosive and washdown environments. This model is also a direct replacement cell for the Mettler-Toledo® 745 Mount. It is ideally suited for low-profile platforms and vessel weighing. Available in capacities from 1,000 to 10,000 lb (453.6 to 4535.9 kg). Complete with 20' (6.1m) of load cell cable.



RLBLC, Stainless Steel Page 106



Single-ended beam in stainless steel. Designed for low-profile scales and process applications. Capacities from 1000 to 4000 lb (1134.0 to 1714.4 kg) with 10' (3.1m) of load cell cable; 5000 to 10,000 lb (2268.0 to 4535.9 kg) with 20' (6.1m) of load cell cable.

RL35023, Alloy Steel Page 107



Single-ended beam designed for low-profile scales and a variety of process applications. NTEP-certified capacities from 1000 to 10,000 lb (453.6 to 4535.9 kg); Non-NTEP cells from 500 to 20,000 lb (226.8 to 9071.9 kg). Complete with 20' (6.1m) of load cell cable.



RL35023S, Stainless Steel Page 108



Single-ended beam offers stainless steel construction for corrosion resistance. Designed for low-profile scales and a variety of process applications. Capacities from 1000 to 10,000 lb (453.6 to 4535.9 kg). Complete with 20' (6.1m) of load cell cable.



RL35083, Stainless Steel Page 109



Model RL35083 stainless steel, welded seal single-ended beam is a precision load cell offering exceptional performance and reliability in hostile environment applications typical of food and chemical processing. Designed for single or multiple load cell installations, the RL35083 is provided with a threaded load hole for easy adaptation of mounting hardware or leveling feet typical of floor scales. Capacities from 1000 to 10,000 lb (453.6 to 4535.9 kg). Integral 20' (6.1m) cable.



Single-Ended Beams (Continued)

RL35082, Stainless Steel Page 110

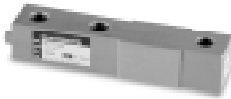


Model RL35082 stainless steel, welded seal, single-ended beam is a precision load cell offering exceptional performance and reliability in hostile environment applications typical of food and chemical processing. Designed for single or multiple load cell installations, the RL35082 is provided with a threaded load hole for easy adaptation of mounting hardware or leveling feet typical of floor scales. Capacities from 1000 to 10,000 lb (453.6 to 4535.9 kg). Integral 20' (6.1m) cable.



IP 66/68 Model

RL65044, Alloy Steel Page 111



Designed for low-profile scales and a variety of process applications. Capacity of 4000 lb (1814.4 kg). Complete with 20' (6.1m) of load cell cable. RL65044 is a replacement for Electroscale Model 20099-002.

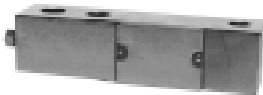
RL39523, Stainless Steel Page 112



Single-ended beam offers stainless steel construction and welded sealing for use in most hostile environments. Applications include platform scales and process weighing. Suitable for washdown environments. Capacities from 1000 to 10,000 lb (453.6 to 4535.9 kg). Complete with 20' (6.1m) of load cell cable.



RLETB, Alloy Steel Page 113



Single-ended beam designed for low-profile scales and process applications. OIML approved and metric envelope capacities of 500 to 5000 kg (1102.3 to 11,023.1 lb). Complete with 6m (19.7') of load cell cable.



RLHTO, Stainless Steel Page 114



The industry's only 6000 division OIML-approved single-ended beam. Low profile and hermetic sealing combined with high accuracy makes the RLHTO ideally suited for low-profile platforms, pallet truck weighers, tanks and silos. Hermetically sealed and polyurethane shielded cable enable it to function in harsh environments while maintaining its operating specifications. Capacities from 500 to 5000 kg (1102.3 to 11,023.1 lb). Complete with 16.4' (5m) cable.



RLHSS, Stainless Steel Page 115



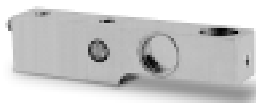
Stainless steel, welded seal, single-ended beam provides protection against corrosion and washdown environments. Ideally suited for low-profile platforms and vessel weighing. OIML approved and metric envelope capacities of 500 to 5000 kg (1102.3 to 11,023.1 lb). Complete with integral conduit adapter and 6m (19.7') of load cell cable.



RICE LAKE WEIGHING SYSTEMS

Single-Ended Beams (Continued)

RLSSB, Stainless Steel Page 116



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 from 1000 to 10,000 lb (453.6-4535.9 kg). Complete with 15' (4.5m) of load cell cable.



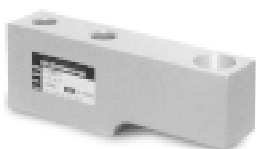
RLSB250, Stainless Steel Page 117



Interchangeable with Cardinal® SB2500. Stainless steel construction with welded seal. NTEP certification capacity of 2500 lb (1134.0 kg) available. Complete with 10' (3.1m) of load cell cable.



RLSB2, Alloy Steel Page 118



Single-ended beam designed as a replacement for Masstron® cells, the RLSB2 series provides a cost-effective alternative. The series features a unique patented blind load hole to increase system accuracy, and epoxy coating for added corrosion protection. Capacities from 1000 to 5000 lb (453.6 to 2268.0 kg) with 10' (3.1m) of load cell cable; 10,000 to 20,000 lb (4535.9 to 9071.9 kg) with 15' (4.6m) of load cell cable; 35,000 to 45,000 lb (15,875.7 to 20,411.9 kg) with 30' (9.2m) of load cell cable.

RLSB2L/RLSB2M, Alloy Steel/Stainless Steel Page 119



Single-ended beam designed as a replacement for Masstron® cells, the RLSB2L series provides a cost-effective alternative. The series features a unique patented blind load hole to increase system accuracy. 1000, 5000 and 10,000 lb versions are constructed of stainless steel; 20,000, 35,000 and 45,000 lb are epoxy-coated alloy steel. Capacities from 1000 to 5000 lb (453.6 to 2268.0 kg) with 10' (3.1m) of load cell cable; 10,000 to 20,000 lb (4535.9 to 9071.9 kg) with 15' (4.6m) of load cell cable; 35,000 to 45,000 lb (15,875.7 to 20,411.9 kg) with 30' (9.2m) of load cell cable.



RL50210, Alloy Steel Page 120



Designed for tension- or compression-loading applications. Capacities from 25 to 500 lb (11.3 to 226.8 kg). Complete with 20' (6.1m) of load cell cable.



RL50210SS, Stainless Steel Featured Products Section Page 7, Page 121

Single-Ended Beams (Continued)



RL40BBS, Alloy Steel Page 122

Designed for precision force and weight measurement. Capacities from 50 to 2500 lb (22.7 to 1134.0 kg). Complete with 10' (3.1m) of load cell cable.



RLHBB, Stainless Steel Page 123

Stainless steel construction, hermetic sealing and polyurethane shielded cable enable the RLHBB to function in harsh environments while maintaining its operating specifications. Suitable for low-profile platforms, weighing and packing machines, electro-mechanical conversions and general-purpose weighing applications. OIML C4-certified capacities from 5 to 500 kg (11.0 to 1102.3 lb). Complete with 10' (3.1m) of load cell cable.



RLMK15, Alloy Steel Page 124

Designed as a replacement for NCI®/Weigh-Tronix® Mark 15 floor scale load cell. The RLMK15 provides a full-featured, cost-effective alternative. Capacities of 500 lb to 4000 lb (453.6 to 1134.0 kg). Complete with 20' (6.1m) of load cell cable.



RL32155, Stainless Steel Page 125

Designed as a replacement for Mettler-Toledo® 2155 and 2885 platform load cells. Stainless steel construction and epoxy potting provide a more durable, cost-effective alternative. Load cups used in Toledo platforms are also available. Capacities from 500 to 2000 lb (226.8 to 907.2 kg). Complete with 15' (4.6m) of load cell cable.



RL50500, Stainless Steel Page 126

Extremely low profile stainless steel design offers a highly-versatile, accurate and durable product. Designed as a replacement for the Electroscale 017116-001, the RL50500 is also well suited to many OEM applications where a low profile, durable, accurate load cell is needed. Capacity of 500 lb (226.8 kg). Complete with 15' (4.6m) of load cell cable.



RL75000 SS, Stainless Steel Featured Products Section Page 8, Page 127



RLSBF, Stainless Steel Page 128

Bending beam replacement for the Fairbanks low profile floor scale. Stainless steel in capacities of 1500 lb (680.4 kg) and 2500 lb (1,134 kg). 20' (6.1m) of cable.



RLBLF, Stainless Steel Page 129

Stainless steel bending beam replacement for the Fairbanks low profile floor scales. Capacities of 1500 lb (680.4 kg) and 2500 lb (1,134 kg). 20' (6.1m) of cable.

RICE LAKE WEIGHING SYSTEMS

Single-Ended Beams (continued)

RLBEAM, Stainless Steel Page 130



This is an interchangeable load cell with a popular industry standard, except this version has been upgraded with hermetic sealing. Hermetic sealing delivers a longer life cycle, as well as superior protection against corrosive, wet, humid environments. Another unique feature of this design is the 300% safe overload rating. A 1/4" NPT threaded, welded pipe nipple is also a standard feature of the RLKIS. This model is intended as a replacement load cell, although mounting hardware can be fabricated for new applications. Available in capacities ranging from 10 kN to 200 kN (2,248 to 44,960 lb). Complete with 30' (9.2 m) of cable.



Double-Ended Beams

RL70000, Alloy Steel Page 131



Double-ended beam with center loading. Designed for truck, tank and hopper applications. Capacities from 5000 to 250,000 lb (2268.0 to 113,400 kg). Complete with 30' (9.2m) load cell cable.



RL70000 SS, Stainless Steel Page 132



Stainless steel double-ended beam load cell designed for truck, track, and process weighing. High accuracy, low profile, and tolerances to non-axial loading and redundant seal. Capacities from 5000 to 150,000 lb (2268.0 to 68,038.9 kg). Complete with 30' (9.2m) of load cell cable.



RL71000HE, Stainless Steel Page 133



This hermetically-sealed stainless steel double-ended beam is an ideal replacement for the RL70000SS or RTI 9103 where moisture is a concern. Although this design is square instead of round, these cells will fit into the popular EZ Mount 1. Capacities from 5000 to 60,000 lb (2268.0 to 27,216.0 kg). Complete with 25' (9.2m) load cell cable.



RL75016, Alloy Steel Page 134



Double-ended beam with center loading. Designed for tank and hopper applications. Capacities from 1000 to 75,000 lb (453.6 to 34,019.4 kg). Complete with 25' (7.6m) of load cell cable.

Double-Ended Beams (Continued)

RL75016 SS, Stainless Steel Page 135



Double-ended beam with center loading. Designed for tank and hopper applications. Stainless steel provides protection against corrosive materials. Capacities from 1000 to 75,000 lb (453.6 to 34,019.4 kg). Complete with 25' (7.6m) of load cell cable.



RL75016HE, Stainless Steel Page 136



Double-ended beam with center loading. Designed for tank and hopper applications. Stainless steel construction and hermetic sealing provide protection in hostile environments. Capacities from 1000 to 25,000 lb (453.6 to 11,339.8 kg). Complete with 25' (7.6m) of load cell cable.

RL75058, Alloy Steel Page 137



Nickel plated and environmentally protected with stainless steel side plates. Designed for center link loading and compatibility with the Unilink or similar suspension systems up to 75,000 lb (34,019.4 kg). Capacities from 20,000 to 125,000 lb (9071.9 to 56,699.1 kg). Complete with 25' (7.6m) of load cell cable.



RL75060S, Stainless Steel Page 138



With welded seal and NTEP certification to 10,000 divisions, the RL75060S provides the ultimate in durability and accuracy in high-capacity process measurement and control. It is also ideal for vehicle weighing in hostile environments. Capacities from 20,000 to 100,000 lb (9071.9 to 45,359.4 kg). Complete with 35' (6.1m) of load cell cable.



RL75223, Alloy Steel Page 139



Very high performance end-loaded, center-supported shear beam designed for low-profile truck and track scales in harsh environments. Welded seal provides superior protection. Parallel link loading provides free movement in all horizontal directions with virtually no friction. Compatible with Translink Mounts. Capacities from 50,000 to 100,000 lb (22,679.6 to 45,359.2 kg). Complete with 40' (12.2m) of load cell cable.



RL75040A, Alloy Steel Page 140



Double-ended beam load cell. Nickel plated and environmentally protected with stainless steel plates. Designed for center mounting and double link loading, compatible with Unilink/Translink suspension up to 75,000 lb (34,019.4 kg). Capacities from 25,000 to 125,000 lb (11,339.8 to 56,699.1 kg). Integral 35' (10.6m) cable. Optional 50' (15.3m) cable with 50,000 and 60,000 lb (22,679.6 and 27,215.5 kg) capacity load cells.



RICE LAKE WEIGHING SYSTEMS

Compression Canisters



RLCSP1, Stainless Steel Page 141

Welded seal, stainless steel canister cell designed for vehicle and process applications. High-capacity load cell is built for reliability, durability and extreme precision. RLCSP1 cells are ideal for applications where optimum precision and durability are needed. Capacities from 25,000 to 200,000 lb (11,339.8 to 90,718.5 kg). Complete with 30' (9.2m) of load cell cable.



RL8C2P1SS, Stainless Steel Page 142

Single-column design with low deflection, hermetically sealed for trouble-free operation. Stainless steel for use in harsh environments. Compact and rugged. Capacities from 50,000 to 200,000 lb (22,679.6 to 90,718.5 kg). Complete with 35' (10.6m) of load cell cable.



RL90000, Alloy Steel Page 143

Environmentally-protected low-profile compression disk. 5000 and 10,000 lb models can also be used in tension loading applications. Shear web design provides excellent performance, low-profile feature makes it ideal for applications where height is critical. Capacities from 5000 to 100,000 lb (2268.0 to 45,359.4 kg). Integral 20' (6.1m) cable.



Single-Points



RL1521A, Aluminum Page 144

The RL1521A is a very low-profile single-point load cell designed for electronic bench scales and platform scales where only one load cell is used. Intended as a replacement for the BLH and NMB® C2G1, capacities range from 3 to 35 kg (6.6 to 77.2 lb). Integral 17.8" (450mm) load cell cable.



RL1010, Aluminum, Potted/Unpotted Page 145

Off-center loading load cell. Designed for direct mounting of the weighing platform and simplifying construction of platform scales. Long-term stability and durability are maintained. Load cells with potted cavities are available for improved performance in damp environments. Potted models in capacities from 7 to 90 kg (15.4 to 198.4 lb) with 10' (3.1m) cable; unpotted models in capacities of 3 and 5 kg (6.6 and 11.0 lb) with 3' (.9m) cable, NTEP certified from 10 kg - 50 kg.



RL800WT Single Point, Stainless Steel, Hermetically Sealed Page 146

The RL800WT is a rugged single point load cell that is ideal for upgrading platform scales. Modeled after a popular load cell used in Weightronix® platform scales, this model features the additional protection of stainless steel. Available in capacities ranging from 25 to 200 lb (11.3 to 90.7kg), with each unit being provided with 10' (3.1m) of load cell cable

Single Points (Continued)

RLHPS Single Point, Stainless Steel, Hermetically Sealed Page 147



This low-profile single point load cell was specifically designed for checkweighing or bench scale applications. The product features a full stainless steel, hermetically sealed design that is ideal for applications in the harshest of environments. This model is available in capacities of 13.2 and 33.1 lb (6kg and 15kg), with each unit being provided with 10' (3m) of load cell cable.

RL1042, Aluminum Page 148



A low-profile single point for platform weighing, this model is constructed of aluminum, and is a two-beam design. This design offers high immunity to side forces and is specially coated to provide humidity resistance. The unit is available in a capacity range from 1 to 100 kg (2.2 to 220.5 lb). Complete with 10' (3.1m) load cell cable.



RL1040, Aluminum, Potted and Unpotted Page 149



Low-profile, off-center loading load cell. Designed for direct mounting of a weighing platform, hanging scales, and other low-capacity beam applications. Long-term stability and durability are maintained. Potted cavities provide improved performance in damp environments. NTEP-certified capacities from 7 to 100 kg (15.4 to 220.5 lb); non-NTEP capacities of 3 and 5kg (6.6 and 11lb). Integral 10' (3.1m) load cell cable.



RL1140, Stainless Steel, Potted Page 150



Low-profile, off-center loading load cell. Designed for direct mounting of a weighing platform, hanging scales and other low-capacity beam applications. Stainless steel construction and a unique humidity-resistant protective coating provides long-term stability, even in harsh environments. Potted cavities provide improved performance in damp environments. Capacities from 15 to 150 kg (33.1 to 330.7 lb). Integral 10' (3.1m) load cell cable.



RL1380, Stainless Steel Page 151



This single-point cell is constructed of stainless steel and designed to perform in harsh, high shock-load environments. These features make the RL1380 ideal for platform scales and packaging and process weighing equipment. Capacities from 7 to 60 kg (15.4 to 132.3 lb). Complete with 3.1m (10') of load cell cable.



RL1385, Stainless Steel Page 152



This single-point cell is constructed of stainless steel, and is designed for high performance in harsh environments. These features provide an excellent option when stainless steel is required for an application. The RL1385 is available in capacities ranging from 6 to 200 kg (13.2 to 441.0 lb). Complete with 10' (3.1m) of load cell cable.



RICE LAKE WEIGHING SYSTEMS

Single Points (Continued)

RL1260, Aluminum Page 153



High-capacity, off-center-loading aluminium load cell. This model is of the two-beam design, and is specially coated to assure durability in harsh environments. Capacities from 50 to 635 kg (110.2 to 1400.0 lb). Complete with 10' (3.1m) load cell cable.



RL1250, Potted, Aluminum Page 154



High-capacity, off-center-loading load cell accurately weighs loads from 50 to 1000 kg (110.2 to 2204.6 lb). Long-term stability and durability are maintained. These load cells with potted cavities offer excellent performance in damp environments.



RLMK21, Stainless Steel Page 155



The RLMK21's single-point design is a durable, accurate and cost-effective alternative for Weigh-Tronix® 3270 Series check weighers. Integral overload protection and redundant sealing provide durability in washdown applications. Capacities from 4.5 to 35 kg (9.9 to 77.2 lb). Complete with 10' (3.1m) of load cell cable.

RLMK4, Alloy Steel and Stainless Steel Page 156



With capacities ranging from 10 to 100 lb (4.5 to 45.3 kg), these load cells are plated and have special moisture-resistance encapsulants for damp environments. Interchangeable with NCI® Model MK4. Integral 10' (3.1m) load cell cable.



RLMK1, Alloy Steel Page 157



Low-capacity, off-center-loading load cell. Interchangeable with NCI® Model MK1. Capacities from 50 to 3000 lb (22.7 to 1360.8 kg). Integral 10' (3.1m) cable.



Sensors

RLS1101, Stainless Steel Page 158



This planar beam sensor is a popular OEM industry standard that we have taken to the next level by providing in stainless steel. This sensor is offered in capacities ranging from 2 to 40 lb (0.9 to 18.1kg). With proper mounting configurations, this cell will not only measure force, but also pressure, displacement and acceleration. This product includes a fully integrated strain gauge that provides for self-balancing and compensation of the sensor. Each unit is provided with an 18" (.45m) standard cable.

Sensors (Continued)

RLS3020 Page 159



This product is available in capacities ranging from 1 to 25 lb (0.5 to 11.3 kg) for use in the lowest of weighing applications. Black anodized aluminum construction provides protection against corrosion. This sensor can also be provided with a number of optional coatings for additional protection against specific environments. Comes complete with 18" (.45m) of cable.

RLS2732, Stainless Steel Page 160



The RL2732 force sensor is a low profile, light capacity product that can be made into an inexpensive weighing device. Easy to mount, this model can be couple with a small hook to be used to weigh just about any light-weight material in tension. The unit is manufactured from aluminum, and has an endless number of potential uses in the OEM marketplace. This model is available in capacities ranging from 1 to 10lb (0.5 to 4.5kg), and is provided standard with an 18' (.45m) cable.



RLS3010, Aluminum/Stainless Steel Page 161



Available in capacities from 2 to 10 lb (0.9 to 4.5 kg) in aluminum, and 25 to 250 lb (11.3 to 113.4 kg) in stainless steel. This sensor is ideal for use in a wide array of medical, exercise equipment and other OEM applications. The unit is very low-profile, and offers both a rugged design and high accuracy. An added feature with this unit is that it can be coated with various materials that will provide optimum corrosion protection in harsh environments. Each unit comes with a standard 3' (1m) cable.

RLS3030, Aluminum Page 162



A unique product that performs perfectly in both tension and compression applications, this sensor is available in capacities ranging from 2 to 300 lb (0.9 to 136.0 kg). This unit performs much like an industry-standard S-beam, and can prove to be a much lower profile alternative. Complete with 18" (.45m) of cable.

RLS1000 & RLS1005, Stainless Steel Featured Products Section Page 7, Page 163

RICE LAKE WEIGHING SYSTEMS

Sensors (Continued)

RLS7000, Stainless Steel Page 164



This unit is a washer force sensor that is designed to measure the pressure put upon a bolt. The bolt size range of this product is from a #10 to 1". Each sensor is thermally-compensated to assure high accuracy for multiple applications. Some popular applications for this product are fastener testing and measuring torque on a specific apparatus. Each unit is provided with 18" (.45m) of cable.

RLS2101, Alloy Steel Page 165



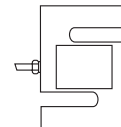
This tension link sensor is made from stainless steel, and is available in capacities ranging from 250 to 5000 lb (113.4 to 2268.0 kg). This unit is ideal for applications in the automotive, process control, and robotics industries. The sensor uses a compact tension measurement design that is both reliable and accurate. Standard cable length is 18" (.45m).

RLS8010, Page 166



The RLS8010 is an inclinometer/gravity sensor that measures angles up to $\pm 40^\circ$. Ideal applications for this product include the measuring of angle while weighing material with either a forklift or crane scale. This product is made of a thermoplastic that helps maintain accuracy while protecting the unit against the elements. Each unit is furnished complete with 18" (.45m) of cable.





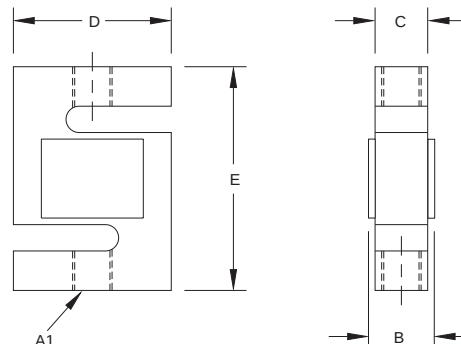
RL20000 S-Beam, Alloy Steel

NTEP 1:5000 Class III/1:10000 Class IIIL Single Cell/ IP67



SPECIFICATIONS:

Full Scale Output:	3.0 mV/V
Bridge Resistance:	350 ohms, nominal
Material/Finish:	High-alloy steel, nickel plated
Temperature:	Compensated range 14°F to 104°F/-10°C to 40°C
Seal Type:	Environmentally protected, IP67
Safe Overload:	150% Full scale
Rated Excitation:	10V DC (15V maximum)
Nonlinearity:	0.03% Full scale
Hysteresis:	0.02% Full scale
Insulation Resistance:	5000 megohms
Cable Length:	20'/6.1m
Cable Color Code:	Red + Excitation Black - Excitation Green ... + Signal White - Signal
Warranty:	2 years



RATED CAPACITY	A1	B	C	D	E
lb/inches					
25-300	1/4-28 UNF-2B	.75	.50	2.00	2.50
500-1500	1/2-20 UNF-2B	1.00	.75	2.00	2.50
2000-2500	1/2-20 UNF-2B	1.25	1.00	2.00	2.50
3000	1/2-20 UNF-2B	1.25	1.00	3.00	4.00
5000-10,000	3/4-16 UNF-2B	1.25	1.00	3.00	4.00
15,000	1-12 UNF-2B	1.50	1.25	4.00	5.50
20,000	1 1/4-12 UNF-2B	2.25	2.00	5.00	7.00
kg/millimeters					
11.3-136.1	1/4-28 UNF-2B	19.1	12.7	50.8	63.5
226.8-680.4	1/2-20 UNF-2B	25.4	19.1	50.8	63.5
907.2-1134.0	1/2-20 UNF-2B	31.8	25.4	50.8	63.5
1360.8	1/2-20 UNF-2B	31.8	25.4	76.2	101.6
2268.0-4535.9	3/4-16 UNF-2B	31.8	25.4	76.2	101.6
6803.9	1-12 UNF-2B	38.1	31.8	101.6	139.7
9071.9	1 1/4-12 UNF-2B	57.2	50.8	127.0	177.8

RL20000 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
25 lb (11.3 kg)	21428	\$275.00
50 lb (22.7 kg)	21429	\$275.00
75 lb (34.0 kg)	21430	\$275.00
100 lb (45.4 kg)	21431	\$275.00
150 lb (68.0 kg)	21432	\$275.00
200 lb (90.7 kg)	21433	\$275.00
250 lb (113.4 kg)	21434	\$275.00
300 lb (136.1 kg)	21435	\$275.00
500 lb (226.8 kg)	21436	\$275.00
750 lb (340.2 kg)	21437	\$275.00
1000 lb (453.6 kg)	21438	\$275.00
1500 lb (680.4 kg)	21439	\$275.00
2000 lb (907.2 kg)	21440	\$275.00
2500 lb (1134.0 kg)	21441	\$275.00
3000 lb (1360.8 kg)	21442	\$315.00
5000 lb (2268.0 kg)	21443	\$440.00
10,000 lb (4535.9 kg)	21444	\$440.00
15,000 lb (6803.9 kg)	21445	\$555.00
20,000 lb (9071.9 kg)	21446	\$875.00

Conduit Adapter Kit* (must be factory installed to maintain warranty)

3/8-24 Nipple 31533* \$15.00

3/8-24 to 1/4-18 NPT 31534* \$15.00

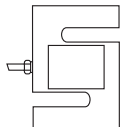
*Parts #31533 and #31534 must be installed together to form the Conduit Adapter Kit.

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Celtron	(see page 174) STC Low-Capacity
Revere Transducers	(see page 234) 9363
Sensortronics	(see page 271) 60036
Artech	20210

WEIGH MODULE AVAILABLE

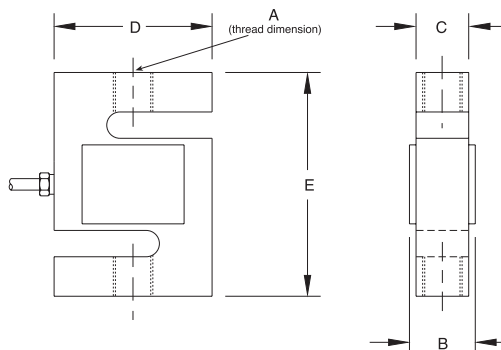
Model	Page #
ITCM Isolated Tension Cell Mount	335 or pg. 24



RICE LAKE WEIGHING SYSTEMS

Industrial Solutions on a Global Scale®

RL20000 SS S-Beam, Stainless Steel NTEP 1:10000 Class IIIL Single Cell, IP 67



SPECIFICATIONS:

Full Scale Output:	3.0 mV/V
Bridge Resistance:	350 ohms, nominal
Material/Finish:	Stainless steel
Temperature:	Compensated range 0°F to 150°F/-18°C to 65°C
Seal Type:	Environmentally protected, IP67
Safe Overload:	150% Full scale
Rated Excitation:	10V DC (15V maximum)
Nonlinearity:	0.03% Full scale
Hysteresis:	0.02% Full scale
Insulation Resistance:	5000 megohms
Cable Length:	20'±6.1m
Cable Color Code:	Red + Excitation Black - Excitation Green ... + Signal White - Signal
Warranty:	2 years

RATED CAPACITY

	A1	B	C	D	E
lb/inches					
50-250	1/4-28 UNF-2B	.65	.46	2.00	2.40
500-1000	1/2-20 UNF-2B	.90	.71	2.00	2.40
2500	1/2-20 UNF-2B	1.15	.96	2.00	2.40
3000	1/2-20 UNF-2B	1.15	.96	3.00	3.90
5000-10,000	3/4-16 UNF-2B	1.15	.96	3.00	3.90
kg/millimeters					
22.7-113.4	1/4-28 UNF-2B	16.5	11.7	50.8	61.0
226.8-453.6	1/2-20 UNF-2B	22.9	18.0	50.8	61.0
1134.0	1/2-20 UNF-2B	29.2	24.4	50.8	61.0
1360.8	1/2-20 UNF-2B	29.2	24.4	76.2	99.1
2268.0-4535.9	3/4-16 UNF-2B	29.2	24.4	76.2	99.1

RL20000 SS ORDER INFORMATION

Load Rating	Part #	Suggested List Price
RL20000SS NTEP		
100 lb (45.4 kg)	46511	\$345.00
250 lb (113.4 kg)	46503	\$345.00
500 lb (226.8 kg)	46504	\$345.00
750 lb (340.2 kg)	46505	\$345.00
1000 lb (453.6 kg)	46506	\$345.00
2500 lb (1134.0 kg)	46507	\$345.00
3000 lb (1360.8 kg)	46508	\$395.00
5000 lb (2268.0 kg)	46509	\$550.00
10,000 lb (4535.9 kg)	46510	\$570.00

RL20000SS Non-NTEP

50 lb (22.9 kg)	17013	\$325.00
Conduit Adapter Kit* (must be factory installed to maintain warranty)		
3/8-24 Nipple	31533*	\$15.00
3/8-24 to 1/4-18 NPT	31534*	\$15.00

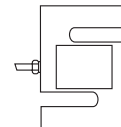
*Parts #31533 and #31534 must be installed together to form the Conduit Adapter Kit.

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Revere Transducers	(see page 236) 9363
Artech	SS20210

WEIGH MODULE AVAILABLE

Model	Page #
ITCM Isolated Tension Cell Mount	335 or pg. 24



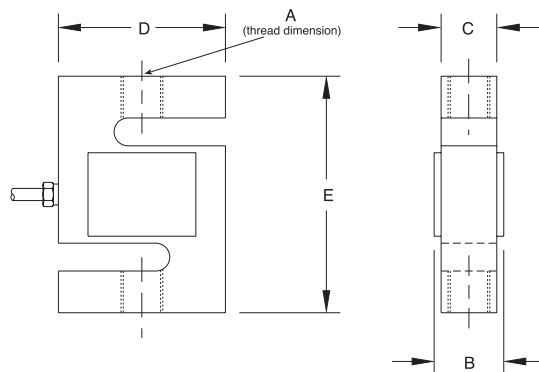
RL20001 S-Beam, Alloy Steel

NTEP 1:10,000 III L S, IP67



SPECIFICATIONS:

Full Scale Output:	3.0 mV/V
Bridge Resistance:	350 ohms, nominal
Material/Finish:	High-alloy steel, nickel plated
Temperature:	Compensated range 14°F to 104°F/-10°C to 40°C
Seal Type:	Environmentally protected, IP67
Safe Overload:	150% Full scale
Rated Excitation:	15V AC/DC
Nonlinearity:	0.03% Full scale
Hysteresis:	0.02% Full scale
Insulation Resistance:	2000 megohms
Cable Length:	20'/6.1m
Cable Color Code:	Red + Excitation Black - Excitation Green ... + Signal White - Signal
Warranty:	2 years



RATED CAPACITY	DIMENSIONS				
	A1	B	C	D	E
lb/inches					
250	3/8-24 UNF-2B	.75	.50	2.00	3.00
500-2000	1/2-20 UNF-2B	1.00	.75	2.00	3.00
2500-3000	1/2-20 UNF-2B	1.25	1.00	2.00	3.00
5000	3/4-16 UNF-2B	1.25	1.00	3.00	4.25
10,000	3/4-16 UNF-2B	1.25	1.00	3.50	4.75
15,000	1-14 UNS-2B	1.50	1.25	4.00	5.50
20,000	1 1/4-12 UNF-2B	2.25	2.00	5.00	7.00
kg/millimeters					
113.4	3/8-24 UNF-2B	19.1	12.7	50.8	76.2
226.8-907.2	1/2-20 UNF-2B	25.4	19.1	50.8	76.2
1134.0-1360.8	1/2-20 UNF-2B	31.8	25.4	50.8	76.2
2268.0	3/4-16 UNF-2B	31.8	25.4	76.2	108.8
4535.9	3/4-16 UNF-2B	31.8	25.4	88.9	120.7
6803.9	1-14 UNS-2B	38.1	31.8	101.6	139.7
9071.9	1 1/4-12 UNF-2B	57.2	50.8	127.0	177.8

RL20001 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
250 lb (113.4 kg)	21402	\$275.00
500 lb (226.8 kg)	21403	\$275.00
750 lb (340.2 kg)	21404	\$275.00
1000 lb (453.6 kg)	21405	\$275.00
1500 lb (680.4 kg)	21406	\$275.00
2000 lb (907.2 kg)	21407	\$275.00
2500 lb (1134.0 kg)	21408	\$275.00
3000 lb (1360.8 kg)	21409	\$315.00
5000 lb (2268.0 kg)	21410	\$440.00
10,000 lb (4535.9 kg)	21411	\$440.00
15,000 lb (6803.9 kg)	21412	\$555.00
20,000 lb (9071.9 kg)	21413	\$875.00

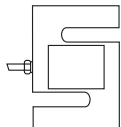
Conduit Adapter Kit* (must be factory installed to maintain warranty)
 3/8-24 Nipple 31533* \$15.00
 3/8-24 to 1/4-18 NPT 31534* \$15.00
 *Parts #31533 and #31534 must be installed together to form the Conduit Adapter Kit.

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Celtron	(see page 176) STC
Sensortronics	(see page 270) 60001

WEIGH MODULE AVAILABLE

Model	Page #
ITCM Isolated Tension Cell Mount	24-29 or 335

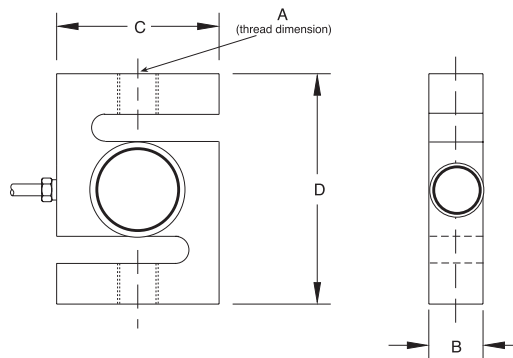


RICE LAKE WEIGHING SYSTEMS

Industrial Solutions on a Global Scale®

RL20001 HE S-Beam, Stainless Steel

Welded Seal, IP67, NTEP 1:5000 Class III/1:10000 Class IIIL Single Cell



SPECIFICATIONS:

Full Scale Output: 2.0 mV/V
 Bridge Resistance: 350 ohms, nominal
 Material/Finish: Stainless steel
 Temperature: Compensated range
 0°F to 150°F/-18°C to 65°C
 Safe Overload: 150% Full scale
 Rated Excitation: 10V DC (15V maximum)
 Nonlinearity: 0.03% Full scale
 Hysteresis: 0.02% Full scale
 Insulation Resistance: 5000 megohms
 Seal Type: Welded seal, IP67
 Cable Length: 20'/6.1m
 Cable Color Code: Red + Excitation
 Black - Excitation
 Green ... + Signal
 White - Signal
 Warranty: 2 years

RATED CAPACITY

	A	B	C	D
lb/inches				
500-3000	1/2-20	1.00	2.00	3.00
5000-10,000	3/4-16	1.00	3.50	4.75
15,000	1-14	1.25	4.00	5.50
20,000	1 1/4-12	2.00	5.00	7.00

kg/millimeters

226.8-1360.8	1/2-20	25.4	50.8	76.2
2268.0-4535.9	3/4-16	25.4	88.9	120.7
6803.9	1-14	31.8	101.6	139.7
9071.9	1 1/4-12	76.2	127.0	177.8

RL20001 HE ORDER INFORMATION

Load Rating	Part #	Suggested List Price
RL20001HE NTEP		
500 lb (226.8 kg)	46469	\$495.00
750 lb (340.2 kg)	46470	\$495.00
1000 lb (453.6 kg)	46471	\$495.00
1500 lb (680.4 kg)	46472	\$495.00
2000 lb (907.2 kg)	46473	\$495.00
2500 lb (1134.0 kg)	46474	\$495.00
3000 lb (1360.8 kg)	46475	\$495.00
5000 lb (2268.0 kg)	46476	\$725.00

RL20001HE Non-NTEP

10,000 lb (4535.9 kg)	36292	\$635.00
15,000 lb (6803.9 kg)	36293	\$895.00
20,000 lb (9071.9 kg)	36294	\$1,025.00

Conduit Adapter Kit* (must be factory installed to maintain warranty)

3/8-24 Nipple	31533*	\$15.00
3/8-24 to 1/4-18 NPT	31534*	\$15.00

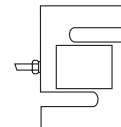
*Parts #31533 and #31534 must be installed together to form the Conduit Adapter Kit.

INTERCHANGEABLE PRODUCTS

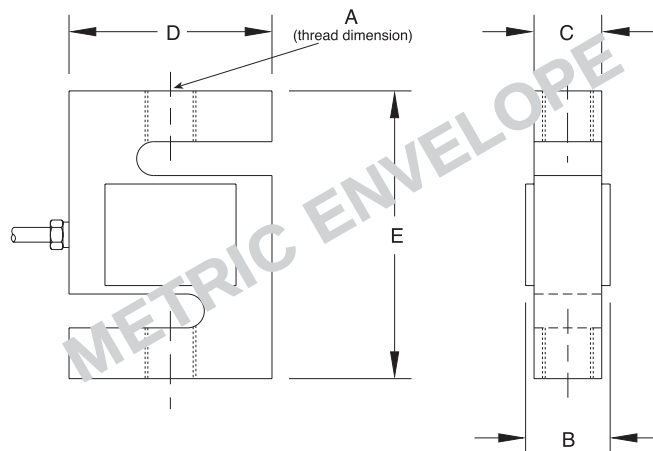
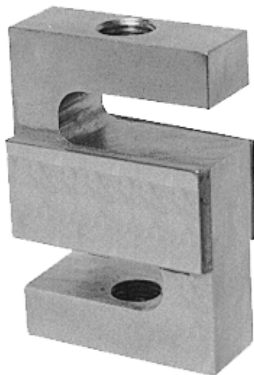
Manufacturer	Model
Sensortronics	(see page 272) 60063

WEIGH MODULE AVAILABLE

Model	Page #
ITCM Isolated Tension Cell Mount	335 or pg. 24



RLETS S-Beam, Alloy Steel, Environmentally Protected, OIML C3, IP67



RATED CAPACITY

kg/millimeters
250-1000
2500

A
M12 x 1.75-6H
M20 x 1.5-6H

DIMENSIONS

B
25.4
31.8

C
19.1
25.4

D
50.8
76.2

E
76.0
108.0

lb/inches

551.2-2205.0
5512.5

M12 x 1.75-6H
M20 x 1.5-6H

1.00
1.25

.75
1.00

2.00
3.00

3.00
4.25

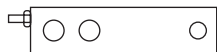
SPECIFICATIONS:

Full Scale Output: 3.0 mV/V $\pm$ 0.25%
Bridge Resistance: 350 ohms, nominal
Material/Finish: Alloy steel
Temperature: Compensated range
14°F to 104°F/-10°C to 40°C
Seal Type: Environmentally protected, IP67
Safe Overload: 150% Full scale
Rated Excitation: 10V AC/DC (15V maximum)
Combined Error: 0.02% Full scale

Insulation Resistance: 5000 megohms
Cable Length: 6m/19.7'
Cable Color Code: Red + Excitation
Black - Excitation
Green ... + Signal
White - Signal
Warranty: 2 years

RLETS ORDER INFORMATION

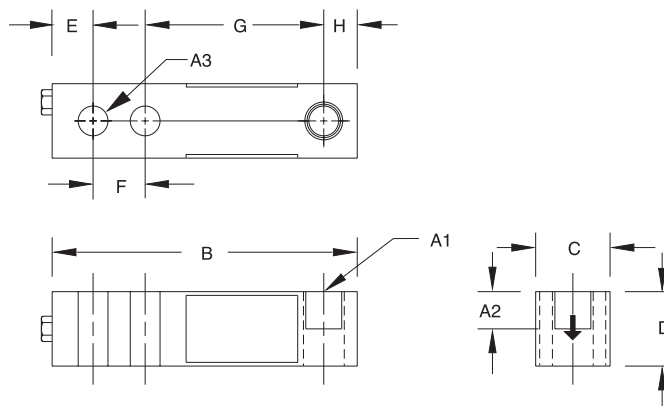
Load Rating	Part #	Suggested List Price
250 kg (551.2 lb)	31254	\$295.00
500 kg (1102.3 lb)	31255	\$295.00
1000 kg (2205.0 lb)	31256	\$295.00
2500 kg (5512.5 lb)	31257	\$460.00



RICE LAKE WEIGHING SYSTEMS

Industrial Solutions on a Global Scale®

RL30000 Single-Ended Beam, Alloy Steel NTEP 1:5000 Class III Multiple Cell, IP67



RATED CAPACITY	DIMENSIONS									
	A1*	A2†	A3*	B	C	D	E	F	G	H
lb/inches										
250-5000SE	1/2-20 UNF-2B	.60	.53	5.12	1.25	1.25	.62	1.00	3.00	.50
5000LE-10,000	3/4-16 UNF-2B	.75	.78	6.75	1.50	1.50	.75	1.50	3.75	.75
15,000-20,000	1-12 UNF-2B	1.00	1.03	8.75	2.00	2.00	1.00	2.00	4.75	1.00
kg/millimeters										
113.4-2059.3SE	1/2-20 UNF-2B	15.2	13.5	130.1	31.8	31.8	15.8	25.4	76.2	12.7
2268.0LE-4535.9	3/4-16 UNF-2B	19.1	19.8	171.5	38.1	38.1	19.1	38.1	95.3	19.1
6803.9-9071.9	1-12 UNF-2B	25.4	26.2	222.3	50.8	50.8	25.4	50.8	120.7	25.4

* Dimension A1 is identical to A3 on the RL30002 Thru-Hole Model. † Dimension A2 applies to RL30000 Threaded-Hole Model ONLY.

SPECIFICATIONS:

Full Scale Output:	3.0 mV/V	Insulation Resistance:	5000 megohms
Bridge Resistance:	350 ohms, nominal	Deflection at Capacity:	250-1000 lb = .013"/.33mm, 2000-3000 lb = .015"/.38mm, 4000-5000 lb = .025"/.64mm, 10,000 lb = .032"/.81mm, 15,000-20,000 lb = .038"/.97mm
Material/Finish:	High-alloy steel, nickel plated	Cable Length:	20'/6.1m
Temperature:	Compensated range 14°F to 104°F/-10°C to 40°C	Cable Color Code:	Red + Excitation Black - Excitation Green + Signal White - Signal
Seal Type:	Environmentally protected, IP67	Warranty:	2 years
Safe Overload:	150% Full scale		
Rated Excitation:	10V DC (15V maximum)		
Nonlinearity:	0.03% Full scale		
Hysteresis:	0.02% Full scale		

RL30000 (THREADED HOLE) ORDER INFORMATION

Load Rating	Part #	Suggested List Price
RL30000 NTEP, Threaded-Hole Design:		
1000 lb (453.6 kg)	21491	\$295.00
2000 lb (907.2 kg)	21493	\$295.00
2500 lb (1134.0 kg)	21495	\$295.00
3000 lb (1360.8 kg)	21497	\$295.00
4000 lb (1814.4 kg)	21498	\$295.00
5000 lb-SE** (2268.0 kg)	21500	\$295.00
5000 lb-LE (2268.0 kg)	21501	\$375.00
10,000 lb (4535.9 kg)	21503	\$375.00
RL30000 Non-NTEP, Threaded-Hole Design:		
250 lb (113.4 kg)	17341	\$295.00
500 lb (226.8 kg)	17342	\$295.00
15,000 lb (6803.9 kg)	28759	\$645.00
20,000 lb (9071.9 kg)	17109	\$645.00
Conduit Adapter Kit* (must be factory installed to maintain warranty)		
3/8-24 Nipple	31533*	\$15.00
3/8-24 to 1/4-18 NPT	31534*	\$15.00

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

** SE: Denotes small envelope

RL30002 (THRU HOLE) ORDER INFORMATION

Load Rating	Part #	Suggested List Price
RL30002 NTEP, Thru-Hole Design:		
1000 lb (453.6 kg)	21521	\$295.00
2000 lb (907.2 kg)	21522	\$295.00
2500 lb (1134.0 kg)	21523	\$295.00
4000 lb (1814.4 kg)	21524	\$295.00
5000 lb-SE** (2268.0 kg)	21525	\$295.00
Conduit Adapter Kit* (must be factory installed to maintain warranty)		
3/8-24 Nipple	31533*	\$15.00
3/8-24 to 1/4-18 NPT	31534*	\$15.00

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

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Threaded-Hole Design:	
Revere Transducers	(see page 238) 5123
Tedea-Huntleigh	(see page 306) 3411
Artech	30310

WEIGH MODULE AVAILABLE

Model	Page #
RL1800 Series	40
RL50210TA	30

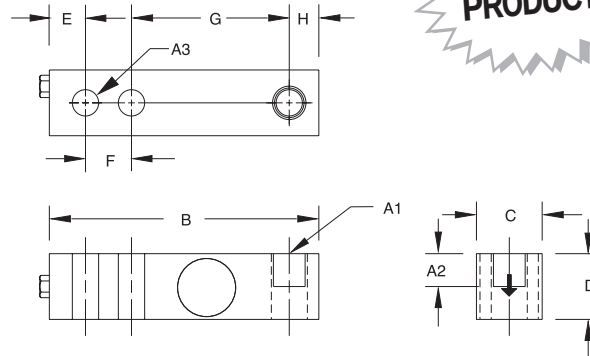
USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171

Prices & Specifications subject to change without notice



RL30000W Single-Ended Beam, Alloy Steel NTEP 1:5000 Class III Multiple Cell, IP67

**NEW
PRODUCT**



RATED CAPACITY	A1	A2	A3	B	C	D	E	F	G	H
lb/inches										
1000-5000SE	1/2-20 UNF-2B	.60	.53	5.12	1.25	1.25	.62	1.00	3.00	.50
5000LE-10,000	3/4-16 UNF-2B	.75	.78	6.75	1.50	1.50	.75	1.50	3.75	.75
kg/millimeters										
2205.0-2059.3SE	1/2-20 UNF-2B	15.2	13.5	130.1	31.8	31.8	15.8	25.4	76.2	12.7
2268.0LE-4535.9	3/4-16 UNF-2B	19.1	19.8	171.5	38.1	38.1	19.1	38.1	95.3	19.1

SPECIFICATIONS:

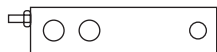
Full Scale Output: 3.0 mV/V
 Bridge Resistance: 350 ohms, nominal
 Material/Finish: High-alloy steel, nickel plated
 Temperature: Compensated range
 14°F to 104°F/-10°C to 40°C
 Seal Type: Welded seal, IP67
 Safe Overload: 150% Full scale
 Rated Excitation: 10V DC (15V maximum)
 Nonlinearity: 0.03% Full scale
 Hysteresis: 0.02% Full scale

Insulation Resistance: 5000 megohms
 Deflection at Capacity: 1000 lb = .013"/.33mm, 2000-3000 lb = .015"/.38mm,
 4000-5000 lb = .025"/.64mm, 10,000 lb = .032"/.81mm
 Cable Length: 20'/6.1m
 Cable Color Code: Red + Excitation
 Black - Excitation
 Green ... + Signal
 White - Signal
 Warranty: 5 years

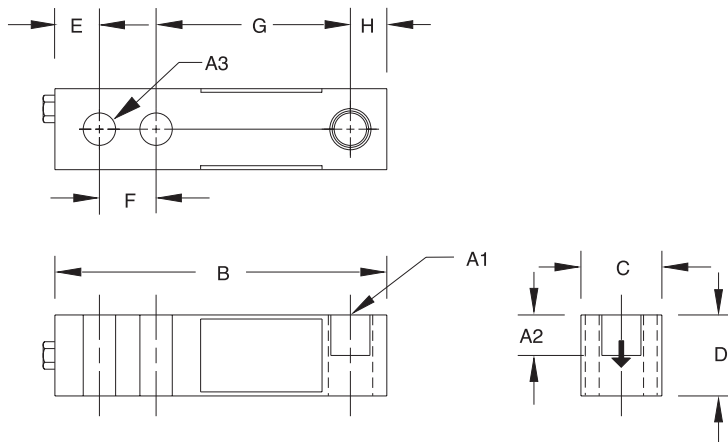
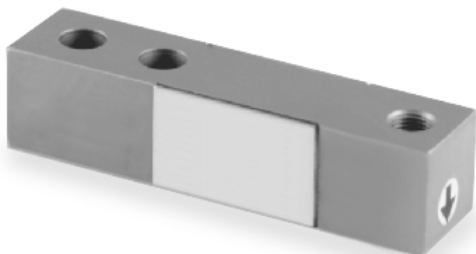
RL30000W ORDER INFORMATION

Load Rating	Part #	Suggested List Price
1000 lb (453.6 kg)	64944	\$295.00
2000 lb (907.2 kg)	64945	\$295.00
2500 lb (1134.0 kg)	64946	\$295.00
3000 lb (1360.8 kg)	64950	\$295.00
4000 lb (1814.4 kg)	64795	\$295.00
5000 lb-SE** (2268.0 kg)	64801	\$295.00
5000 lb-LE (2268.0 kg)	64885	\$375.00
10,000 lb (4535.9 kg)	64886	\$375.00

** SE denotes small envelope



RL39123 Single-Ended Beam, Stainless Steel



RATED CAPACITY	DIMENSIONS									
	A1	A2	A3	B	C	D	E	F	G	H
lb/inches										
250-4000	1/2-20 UNF-2B	.60	.53	5.12	1.25	1.25	.62	1.00	3.00	.50
5000-10,000	3/4-16 UNF-2B	.75	.78	6.75	1.50	1.50	.75	1.50	3.75	.75
15,000-20,000	1-12 UNF-2B	1.00	1.03	8.75	2.00	2.00	1.00	2.00	4.75	1.00
kg/millimeters										
113.4-1814.4	1/2-20 UNF-2B	15.2	13.5	130.1	31.8	31.8	15.8	25.4	76.2	12.7
2268.0-4535.9	3/4-16 UNF-2B	19.1	19.8	171.5	38.1	38.1	19.1	38.1	95.3	19.1
6803.9-9071.9	1-12 UNF-2B	25.4	26.2	222.3	50.8	50.8	25.4	50.8	120.7	25.4

SPECIFICATIONS:

Full Scale Output:	3.0 mV/V	Hysteresis:	0.02% Full scale
Bridge Resistance:	350 ohms, nominal	Insulation Resistance:	5000 megohms
Material/Finish:	Stainless steel	Deflection at Capacity:	250-1000 lb = .013"/.33mm, 2000-3000 lb = .015"/.38mm, 4000-5000 lb = .025"/.64mm, 10,000 lb = .32"/.81mm, 15,000-20,000 lb = .038"/.97mm
Temperature:	Compensated range 0°F to 150°F/-18°C to 65°C	Cable Length:	20'/6.1m
Seal Type:	Environmentally protected	Cable Color Code:	Red + Excitation Black - Excitation Green + Signal White - Signal
Safe Overload:	150% Full scale	Warranty:	2 years
Rated Excitation:	10V DC (15V maximum)		
Nonlinearity:	0.03% Full scale		

RL39123 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
250 lb (113.4 kg)	17386	\$350.00
500 lb (226.8 kg)	17387	\$350.00
1,000 lb (453.6 kg)	17189	\$350.00
2,000 lb (907.2 kg)	17190	\$350.00
2,500 lb (1134.0 kg)	17191	\$350.00
3,000 lb (1360.8 kg)	17192	\$350.00
4,000 lb (1814.4 kg)	17193	\$350.00
5,000 lb (2268.0 kg)	17194	\$420.00
10,000 lb (4535.9 kg)	17195	\$420.00
15,000 lb (6803.9 kg)	17196	\$795.00
Conduit Adapter Kit* (must be factory installed to maintain warranty)		
3/8-24 Nipple	31533*	\$15.00
3/8-24 to 1/4-18 NPT	31534*	\$15.00

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

INTERCHANGEABLE PRODUCTS

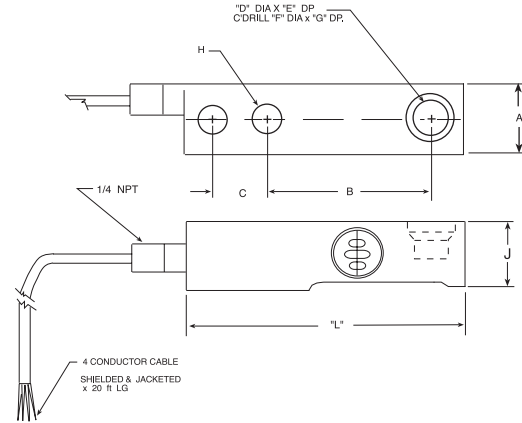
Manufacturer	Model
Revere Transducers	(see page 239) 9123
Artech	SS30310
HBM	(see page 216) B35

WEIGH MODULE AVAILABLE

Model	Page #
RL1800 Series	40
RL50210TA	30



RL30745 Single-Ended Beam, Stainless Steel Welded Seal, IP67



RATED CAPACITY	A	B	C	D	E	F	G	H	I	J
lb/inches										
1,000-4,000	1.20	2.88	1.00	.63	.69	.88	.20	.500	5.18	1.20
5,000	1.46	3.00	1.00	.63	.92	.88	.38	.500	5.38	1.46
10,000	1.68	3.75	1.50	.88	1.17	1.38	.44	.750	6.87	1.68
kg/millimeters										
453.6-1814.2	30.5	73.2	25.4	16.0	17.5	22.4	5.1	12.7	131.6	30.1
2268	37.1	76.2	25.4	16.0	23.4	22.4	9.7	12.7	136.7	37.1
4536	42.7	95.3	38.1	22.4	29.7	35.1	11.8	19.1	174.5	42.7

SPECIFICATIONS:

Full Scale Output:	2.0 mV/V
Bridge Resistance:	350 ohms, nominal
Material/Finish:	Stainless steel
Temperature:	Compensated range
Safe Overload:	150% Full scale
Rated Excitation:	10V DC (15V maximum)
Combined Error:	0.03%
Non-repeatability:	0.01% Full scale
Insulation Resistance:	0.01% Full scale

Seal Type:	Welded seal, IP67
Cable Length:	20'/6.1m
Conduit Adapter Size:	1/4 - 18 NPT
Cable Color Code:	Green ... + Excitation Black - Excitation White + Signal Red - Signal Orange Shield
Warranty:	2 years

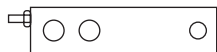
RL30745 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
1,000 lb (453.6 kg)	45462	\$450.00
1,250 lb (567.0 kg)	47946	\$450.00
2,500 lb (1,134 kg)	45463	\$450.00
4,000 lb (1,814.4 kg)	45464	\$450.00
5,000 lb (2,268 kg)	45465	\$575.00
10,000 lb (4,536 kg)	45466	\$695.00

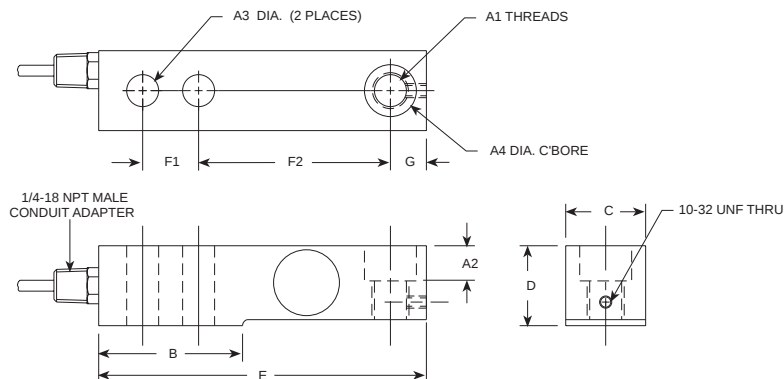
INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Mettler-Toledo	745 Mount

Toledo is a registered trademark of Mettler-Toledo, Inc.



RLBLC Single-Ended Beam, Stainless Steel With Counter Bore



RATED CAPACITY	DIMENSIONS										
	A1	A2	A3	A4	B	C	D	E	F1	F2	G
lb/inches											
1000-4000	1/2-20 UNF-2B	.56	.53	.81	2.25	1.19	1.19	5.25	1.00	3.00	.50
5000	3/4-16 UNF-2B	.67	.78	1.19	3.00	1.44	1.44	6.75	1.50	3.75	.75
10,000	3/4-16 UNF-2B	.79	.78	1.19	3.00	1.44	1.94	6.75	1.50	3.75	.75
kg/millimeters											
453.6-1814.4	1/2-20 UNF-2B	14.2	13.5	20.6	57.2	30.2	30.2	130.1	25.4	76.2	12.7
2268.0	3/4-16 UNF-2B	17.0	19.8	30.2	76.2	36.6	36.6	171.5	38.1	95.3	19.1
4535.9	3/4-16 UNF-2B	20.1	19.8	30.2	76.2	36.6	49.3	171.5	38.1	95.3	19.1

SPECIFICATIONS:

Full Scale Output: 3.0 mV/V nominal
Bridge Resistance: 1000 ohms, nominal
Material/Finish: Stainless steel
Temperature: Compensated range
15°F to 115°F/-9°C to 46°C
Seal Type: Environmentally protected
Safe Overload: 150% Full scale
Rated Excitation: 10V AC/DC (15V maximum)
Nonlinearity: 0.03% Full scale
Hysteresis: 0.05% Full scale

Insulation Resistance: 5000 megohms
Deflection at Capacity: 1000-4000 lb = .010"/.25mm,
5000-10,000 lb = .012"/.30mm
Cable Length: 1000-4000 lb = 10'/3.1m
5000-10,000 lb = 20'/6.1m
Cable Color Code: Green ... + Excitation
Black - Excitation
White + Signal
Red - Signal
Warranty: 2 years

RLBLC ORDER INFORMATION

Load Rating	Part #	Suggested List Price
1,000 lb (453.6 kg)	17091	\$275.00
2,500 lb (1134.0 kg)	17096	\$275.00
4,000 lb (1814.4 kg)	17101	\$275.00
5,000 lb (2268.0 kg)	17104	\$365.00
10,000 lb (4535.9 kg)	17108	\$465.00
Bushing (for conversion to non-counter base)		
1000 lb - 4000 lb, SST	17691	\$8.00
5000 lb - 10,000 lb, SST	17702	\$15.00

INTERCHANGEABLE PRODUCTS

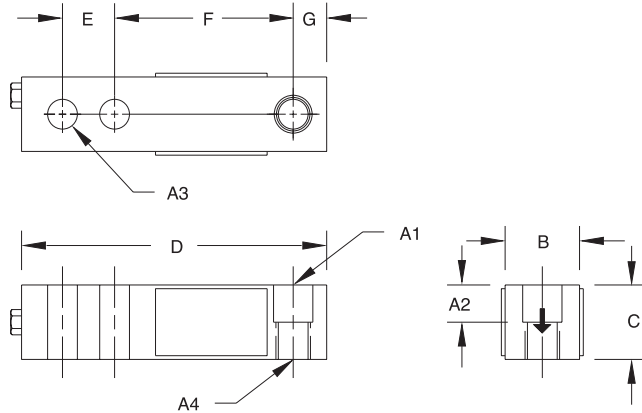
Manufacturer	Model
HBM	(see page 217) BLC

WEIGH MODULE AVAILABLE

Model	Page #
RL1800 Series	40
RL50210TA	30



RL35023 Single-Ended Beam, Alloy Steel NTEP 1:5000 Class III Multiple Cell, IP67



RATED CAPACITY	A1	A2	A3	A4	B	C	D	E	F	G
lb/inches										
500	1/2-20 UNF-2B	.50	.53	.53	1.25	1.00	5.12	1.00	3.00	.50
1000-5000SE	1/2-20 UNF-2B	.62	.53	.53	1.25	1.25	5.12	1.00	3.00	.50
5000LE-10,000	3/4-16 UNF-2B	.75	.78	.78	1.50	1.50	6.75	1.50	3.75	.75
15,000-20,000	1-14 UNS-2B	1.00	1.03	1.03	2.00	2.00	8.88	2.00	4.88	1.00
kg/millimeters										
226.8	1/2-20 UNF-2B	12.7	13.5	1.35	31.8	25.4	130.1	25.4	76.2	12.7
453.6-2268.0SE	1/2-20 UNF-2B	15.8	13.5	13.5	31.8	31.8	130.1	25.4	76.2	12.7
2268.0LE-4535.9	3/4-16 UNF-2B	19.1	19.8	19.8	38.1	38.1	171.5	38.1	95.3	19.1
6803.9-9071.9	1-14 UNS-2B	25.4	26.2	26.2	50.8	50.8	225.6	50.8	124.0	25.4

SPECIFICATIONS:

Full Scale Output:	3.0 mV/V
Bridge Resistance:	350 ohms, nominal
Material/Finish:	High-alloy steel, nickel plated
Temperature:	Compensated range 14°F to 104°F/-10°C to 40°C
Safe Overload:	150% Full scale
Rated Excitation:	10VDC (15V maximum)
Nonlinearity:	0.03% Full scale
Hysteresis:	0.02% Full scale

Insulation Resistance:	5000 megohms
Deflection at Capacity:	500-1000 lb = .013"/.3mm, 2000-3000 lb = .015"/.4mm, 4000-5000 lb = .025"/.6mm, 10,000 lb = .035"/.9mm
Seal Type:	Environmentally protected, IP67
Cable Length:	20'/6.1m
Cable Color Code:	Red + Excitation Black - Excitation Green ... + Signal White - Signal
Warranty:	2 years

RL35023 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
1,000 lb (453.6 kg)	21528	\$295.00
2,000 lb (907.2 kg)	21529	\$295.00
2,500 lb (1134.0 kg)	21530	\$295.00
3,000 lb (1360.8 kg)	21531	\$295.00
4,000 lb (1814.4 kg)	21532	\$295.00
5,000 lb-SE** (2268.0 kg)	21535	\$295.00
5,000 lb-LE (2268.0 kg)	21533	\$375.00
10,000 lb (4535.9 kg)	21534	\$375.00
Non-NTEP cells:		
500 lb (226.8 kg)	17181	\$290.00
15,000 lb (6803.9 kg)	17186	\$645.00
20,000 lb (9071.9 kg)	17187	\$645.00
Conduit Adapter Kit* (must be factory installed to maintain warranty)		
3/8-24 Nipple	31533*	\$15.00
3/8-24 to 1/4-18 NPT	31534*	\$15.00

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

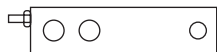
** SE: Denotes small envelope

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Celtron	(see page 179) SQB
Sensortronics	(see page 274) 65023
Artech	30310

WEIGH MODULE AVAILABLE

Model	Page #
RL1800 Series	40
RL50210TA	30

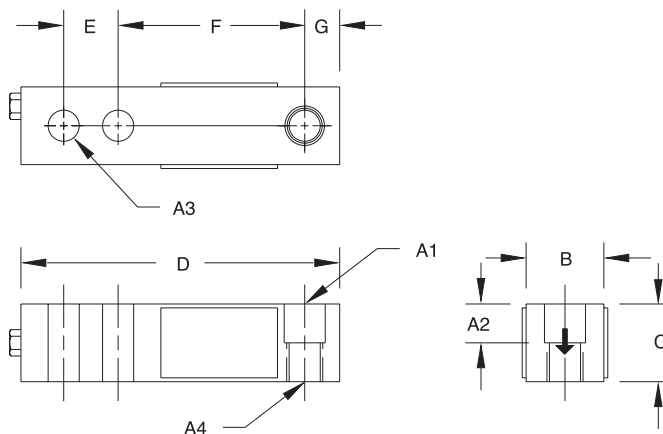


RICE LAKE WEIGHING SYSTEMS

Industrial Solutions on a Global Scale®

RL35023S Single-Ended Beam, Stainless Steel

NTEP 1:5000 Class III Multiple Cell, IP67



RATED CAPACITY	DIMENSIONS									
	A1	A2	A3	A4	B	C	D	E	F	G
lb/inches										
1000-4000	1/2-20 UNF-2B	.62	.53	.53 DIA.	1.25	1.25	5.12	1.00	3.00	.50
5000-10,000	3/4-16 UNF-2B	.75	.78	.78 DIA.	1.50	1.50	6.75	1.50	3.75	.75
kg/millimeters										
453.6-1814.4	1/2-20 UNF-2B	15.8	13.5	13.5 DIA.	31.8	31.8	130.1	25.4	76.2	12.7
2268.0-4535.9	3/4-16 UNF-2B	19.1	19.8	19.8 DIA.	38.1	38.1	171.5	38.1	95.3	19.1

SPECIFICATIONS:

Full Scale Output:	3.0 mV/V	Insulation Resistance:	5000 megohms
Bridge Resistance:	350 ohms, nominal	Deflection at Capacity:	1000 lb = .013"/.33mm, 2000-2500 lb = .015"/.38mm, 4000-5000 lb = .025"/.64mm, 10,000 lb = .32"/.81mm,
Material/Finish:	Stainless steel	Seal Type:	Environmentally protected, IP67
Temperature:	Compensated range 14°F to 104°F/-10°C to 40°C	Cable Length:	20'/6.1m
Safe Overload:	150% Full scale	Cable Coloring:	Red + Excitation Black - Excitation Green ... + Signal White - Signal
Rated Excitation:	10V DC (15V maximum)	Warranty:	2 years
Nonlinearity:	0.03% Full scale		
Hysteresis:	0.02% Full scale		

RL35023S ORDER INFORMATION

Load Rating	Part #	Suggested List Price
1000 lb (453.6 kg)	30649	\$365.00
2000 lb (907.2 kg)	30650	\$365.00
2500 lb (1134.0 kg)	30651	\$365.00
4000 lb (1814.4 kg)	30652	\$365.00
5000 lb (2268.0 kg)	30653	\$430.00
10,000 lb (4535.9 kg)	30654	\$430.00
Conduit Adapter Kit* (must be factory installed to maintain warranty)		
3/8-24 Nipple	31533*	\$15.00
3/8-24 to 1/4-18 NPT	31534*	\$15.00

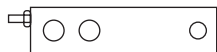
* Parts #31533 and #31534 must be installed together to form the Conduit Adapter Kit.

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Sensortronics	(see page 276) 65023S
Sensortronics	(see page 275) 65023 SS

WEIGH MODULE AVAILABLE

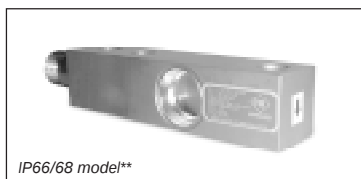
Model	Page #
RL1800 Series	40
RL50210TA	30



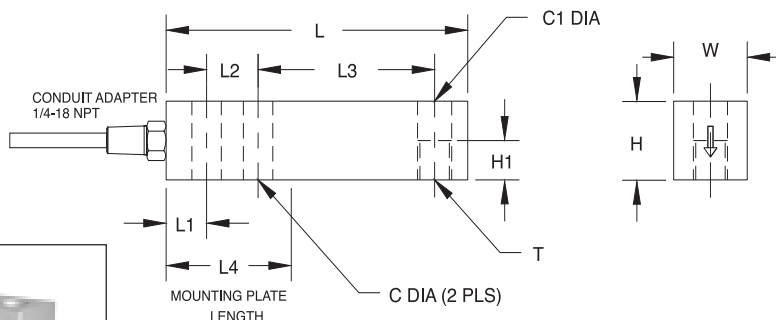
RICE LAKE WEIGHING SYSTEMS

Industrial Solutions on a Global Scale®

RL35082 Single-Ended Beam, Stainless Steel Welded Seal, IP67, IP66/68, NTEP 1:5000 Class III Multiple Cell



IP66/68 model**



RATED CAPACITY	C	C1	H	H1	L	L1	L2	L3	L4	T	W
lb/inches											
1000-4000	.53	.53	1.22	.61	5.12	.62	1.00	3.00	2.25	1/2-20 UNF-2B	1.22
5000-10,000	.78	.78	1.50	.75	6.75	.75	1.50	3.75	3.00	3/4-16 UNF-2B	1.50
kg/millimeters											
453.6-1814.4	13.5	13.5	31.0	15.5	130.0	15.7	25.4	76.2	57.2	1/2-20 UNF-2B	31.0
2268.0-4535.9	19.8	19.8	38.1	19.1	171.5	19.1	38.1	95.3	76.2	3/4-16 UNF-2B	38.1

SPECIFICATIONS:

Full Scale Output: 2.0 mV/V (35082)
 Bridge Resistance: 350 ohms, nominal
 Material/Finish: Stainless steel
 Temperature: Compensated range 14°F to 104°F/-10°C to 40°C
 Safe Overload: 150% Full scale
 Rated Excitation: 10V DC (15V maximum)
 Combined Error: 0.02% Full scale
 Non-Repeatability: 0.01% Full scale
 Insulation Resistance: 5000 megohms

Deflection at Capacity: 1000 lb = .013"/.33mm, 2500 lb = .015"/.38mm, 4000-5000 lb = .025"/.64mm, 10,000 lb = .032"/.81mm
 Seal Type: Welded seal strain gauge*, IP67
 Cable Length: 20'/6.1m Teflon coated cable
 Conduit Adapter Size: 1/4-18 NPT
 Cable Color Code: Red + Excitation
 Black - Excitation
 Green + Signal
 White - Signal
 Warranty: 2 years

RL35082 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
IP67:		
1000 lb (453.6 kg)	31283	\$425.00
2500 lb (1134.0 kg)	31282	\$425.00
4000 lb (1814.4 kg)	31281	\$425.00
5000 lb (2268.0 kg)	31280	\$475.00
10,000 lb (4535.9 kg)	31279	\$475.00
IP66/68:		
1000 lb (453.6 kg)	34702	\$505.00
2500 lb (1134.0 kg)	34703	\$505.00
4000 lb (1814.4 kg)	34704	\$505.00
5000 lb (2268.0 kg)	34705	\$555.00
10,000 lb (4535.9 kg)	34706	\$555.00

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Sensortronics	(see page 278) 65083S
Tedea-Huntleigh	(see page 307) 3510-lbs

WEIGH MODULE AVAILABLE

Model	Page #
RL1800 Series	40
RL50210TA	30

**IP66/68 versions have 1/2-14 NPT conduit adapter

Teflon is a registered trademark of E.I. DuPont.

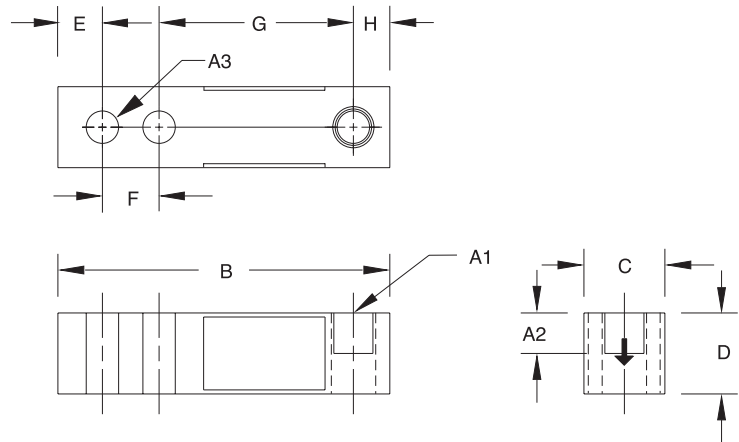
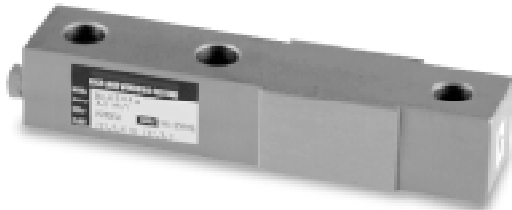
*Conduit is recommended for maximum protection against the ingress of water and moisture through the cable entry.

USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171

Prices & Specifications subject to change without notice



RL65044 Single-Ended Beam, Alloy Steel



RATED CAPACITY	A1	A2	A3	DIMENSIONS						
lb/inches				B	C	D	E	F	G	H
4000	1/2-20 UNF-2B	.60	.53	6.00	1.25	1.25	.61	1.75	3.00	.63
kg/millimeters										
1814.4	1/2-20 UNF-2B	15.2	13.5	152.4	31.8	31.8	15.5	44.5	76.2	16.0

SPECIFICATIONS:

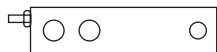
Full Scale Output:	3.0 mV/V	Nonlinearity:	0.01% Full scale
Bridge Resistance:	350 ohms, nominal	Hysteresis:	0.01% Full scale
Material/Finish:	High-alloy steel, nickel plated	Insulation Resistance:	5000 megohms
Temperature:	Compensated range 0°F to 150°F/-18°C to 65°C	Cable Length:	20'/6.1m
Seal Type:	Environmentally protected	Cable Color Code:	Red + Excitation Black - Excitation Green ... + Signal White - Signal
Safe Overload:	150% Full scale	Warranty:	2 years
Rated Excitation:	10VDC (15V maximum)		

RL65044 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
4000 lb (1814.4 kg)	17110	\$550.00

INTERCHANGEABLE PRODUCTS

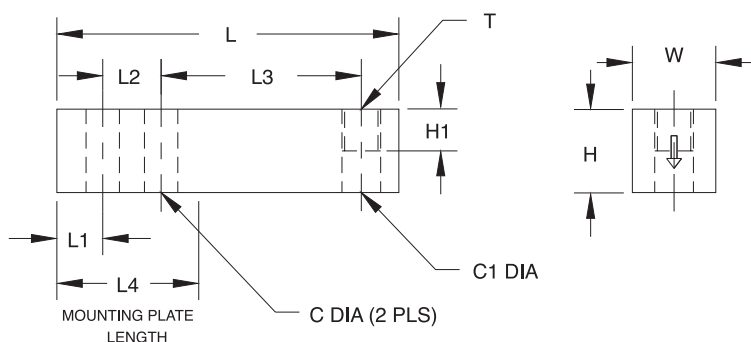
Manufacturer	Model
Electroscale	017116-002
Electroscale	Slimline Series
HBM	SBTE



RICE LAKE WEIGHING SYSTEMS

Industrial Solutions on a Global Scale®

RL39523 Single-Ended Beam, Stainless Steel Welded Seal, IP67



RATED CAPACITY	C	C1	H	H1	L	L1	L2	L3	L4	T	W
lb/inches											
1000-4000	.53	.53	1.25	.62	6.12	1.62	1.00	3.00	3.38	1/2-20 UNF	1.25
5000-10,000	.78	.78	1.50	.74	7.71	1.71	1.50	3.75	4.08	3/4-16 UNF	1.50
kg/millimeters											
453.6-1814.4	13.5	13.5	31.8	15.8	155.5	41.2	25.4	76.2	85.9	1/2-20 UNF	31.8
2268.0-4535.9	19.8	19.8	38.1	18.8	195.8	43.4	38.1	95.3	103.6	3/4-16 UNF	38.1

SPECIFICATIONS:

Full Scale Output:	3.0 mV/V	Insulation Resistance:	5000 megohms
Bridge Resistance:	350 ohms, nominal	Deflection at Capacity:	1000 lb = .016"/1.4mm, 2500 lb = .41"/1.0mm, 4000 lb = .041"/1.0mm, 5000 lb = .035"/.9mm, 10,000 lb = .042"/1.1mm
Material/Finish:	Stainless steel	Cable Length:	20'/6.1m
Temperature:	Compensated range 0°F to 150°F/-18°C to 65°C	Cable Color Code:	Red + Excitation Black - Excitation Green ... + Signal White - Signal
Seal Type:	Welded seal strain gauge*, IP67	Warranty:	2 years
Safe Overload:	150% Full scale		
Rated Excitation:	10V AC/DC (15V maximum)		
Non-repeatability:	0.02% Full scale (RL39523-D1) 0.01% Full scale (RL39523-D3)		
Combined Error:	0.1% Full scale (RL39523-D1) 0.03% Full scale (RL39523-D3)		

RL39523 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
RL39523-D3		
1000 lb (453.6 kg)	17241	\$525.00
2500 lb (1134.0 kg)	17242	\$525.00
4000 lb (1814.4 kg)	17243	\$525.00
5000 lb (2268.0 kg)	17244	\$595.00
10,000 lb (4535.9 kg)	17245	\$600.00
Conduit Adapter Kit** (must be factory installed to maintain warranty)		
3/8-24 Nipple	31533*	\$15.00
3/8-24 to 1/4-18 NPT	31534*	\$15.00

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

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Revere Transducers	(see page 240) 9523 (has counterbored load hole)

** Conduit is recommended for maximum protection against the ingress of water and moisture through the cable entry.

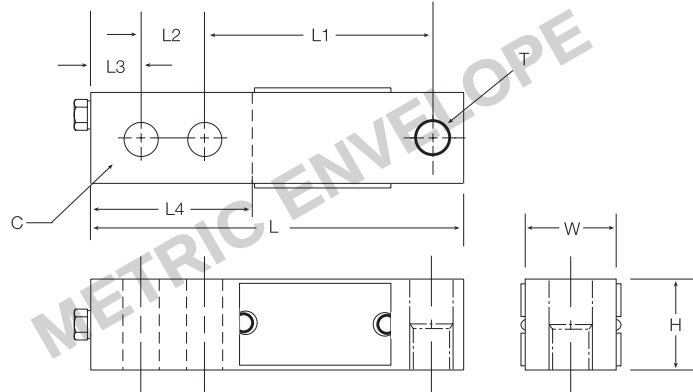
USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171

Prices & Specifications subject to change without notice



RLETB Single-Ended Beam, Alloy Steel

Environmentally Protected, OIML C3, IP67



RATED CAPACITY	DIMENSIONS								
	C	H	L	L1	L2	L3	L4	W	T
kg/millimeters									
500-2000	57.0	32.0	130.0	76.0	25.0	16.0	13.0	32.0	M12 x 1.75-6H
5000	76.0	38.0	171.0	95.0	38.0	19.0	20.7	38.0	M20 x 1.5-6H
lb/inches									
1102.3-4409.2	2.25	1.25	5.12	3.00	.98	.63	.51	1.25	M12 x 1.75-6H
11,023.1	3.00	1.50	6.73	3.74	1.50	.75	.81	3.75	M20 x 1.5-6H

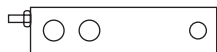
SPECIFICATIONS:

Full Scale Output: 3.0 mV/V
 Bridge Resistance: 350 ohms, nominal
 Material/Finish: Alloy steel
 Temperature: Compensated range
 14°F to 104°F/-10°C to 40°C
 Safe Overload: 150% Full scale
 Rated Excitation: 10V AC/DC (15V maximum)
 Combined Error: 0.03% Full scale

Insulation Resistance: 5000 megohms
 Seal Type: Environmentally protected, IP67
 Cable Length: 6m/19.7'
 Cable Color Code: Red + Excitation
 Black - Excitation
 Green + Signal
 White - Signal
 Warranty: 2 years

RLETB ORDER INFORMATION

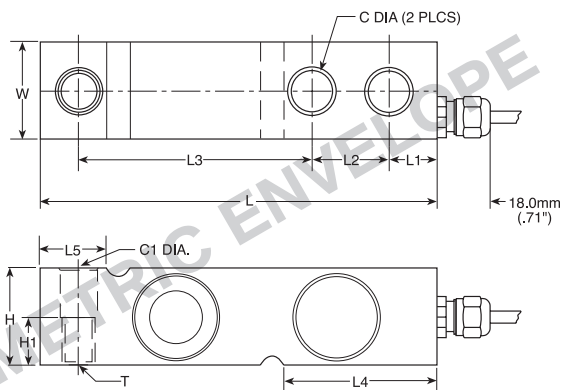
Load Rating	Part #	Suggested List Price
500 kg (1102.5 lb)	31249	\$325.00
1000 kg (2205.0 lb)	31248	\$325.00
2000 kg (4410.0 lb)	31247	\$325.00
5000 kg (11,025.0 lb)	31246	\$405.00

**RICE LAKE WEIGHING SYSTEMS**

Industrial Solutions on a Global Scale®

RLHTO Single-Ended Beam, Stainless Steel

Hermetically Sealed, IP66/68, OIML C6/C3



RATED CAPACITY	DIMENSIONS											
	C	C1	H	H1	L	L1	L2	L3	L4	L5	T	W
kg/millimeters												
500-2000	13.5	13.5	32.0	16.0	130.0	15.8	25.4	76.2	50.5	23.5	M12 x 1.75 Thrd.	32.0
5000	20.5	20.5	48.0	—	171.5	19.0	38.1	95.3	70.0	37.0	—	36.5
lb/inches												
1102.3-4409.2	.53	.53	1.26	.63	5.12	.62	1.00	3.00	1.99	.93	M12 X 1.75 Thrd.	1.26
11,023.1	.80	.80	1.89	—	6.75	.75	1.50	3.75	2.76	1.46	—	1.44

SPECIFICATIONS:

Full Scale Output: 2.0 mV/V
Bridge Resistance: 350 ohms, nominal
Material/Finish: Stainless steel
Temperature: Compensated range
14°F to 104°F/-10°C to 40°C
Safe Overload: 150% Full scale
Rated Excitation: 10V AC/DC (15V maximum)
Total Error: 0.02% Applied Load
Insulation Resistance: 1000 megohms

Deflection at Capacity: 500-5000 kg = .4mm/.015"
Seal Type: Hermetically sealed, IP66/68
Cable Length: 5m/16.4'
Cable Color Code: Blue + Excitation
Black - Excitation
Green ... + Sense
Grey - Sense
White + Signal
Red - Signal
Warranty: 2 years

RLHTO ORDER INFORMATION

Load Rating	Part #	Suggested List Price
C6 500 kg (1102.5 lb)	31253	\$485.00
C6 1000 kg (2205.0 lb)	31250	\$485.00
C3 2000 kg (4410.0 lb)	31251	\$485.00
C3 5000 kg (11,025.0 lb)	31252	\$555.00

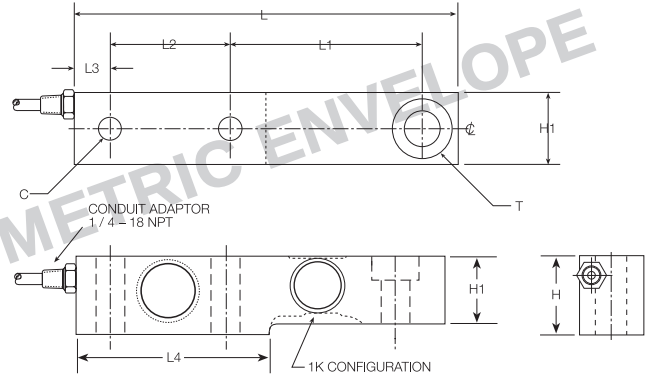
INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Tedea-Huntleigh	(see page 308) 3510-kg



RLHSS Single-Ended Beam, Stainless Steel

Welded Seal, IP67, OIML C3



RATED CAPACITY	DIMENSIONS								
	C	H	H1	L	L1	L2	L3	L4	T
kg/millimeters									
500-2000	17.5	47.6	36.5	202.2	98.4	63.5	19.0	101.6	17.5 THRU C'BORE 30.2x11.9 DEEP
5000	25.4	16.0	47.6	234.9	123.9	66.8	20.6	117.3	25.4 THRU C'BORE 41.4x15.7 DEEP
lb/inches									
1102.3-4409.2	.69	1.87	1.44	7.96	3.87	2.50	.75	4.00	.69 THRU C'BORE 1.19x.47 DEEP
11,023.1	1.00	.63	1.87	9.25	4.88	2.63	.81	4.62	1.00 THRU C'BORE 1.63x.62 DEEP

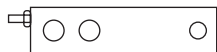
SPECIFICATIONS:

Full Scale Output: 2.0 mV/V
 Bridge Resistance: 350 ohms, nominal
 Material/Finish: Alloy steel
 Temperature: Compensated range
 14°F to 104°F/-10°C to 40°C
 Safe Overload: 150% Full scale
 Rated Excitation: 10V AC/DC (15V maximum)
 Combined Error: 0.03% Full scale

Insulation Resistance: 5000 megohms
 Seal Type: Welded seal, IP67
 Cable Length: 6m/19.7'
 Cable Color Code: Red + Excitation
 Black - Excitation
 Green + Signal
 White - Signal
 Warranty: 2 years

RLHSS ORDER INFORMATION

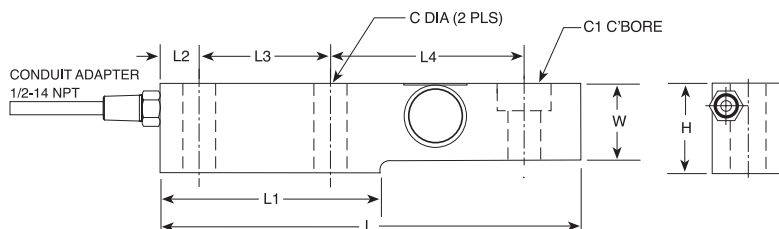
Load Rating	Part #	Suggested List Price
500 kg (1102.5 lb)	31245	\$695.00
1000 kg (2205.0 lb)	31242	\$695.00
2000 kg (4410.0 lb)	31243	\$695.00
5000 kg (11,025.0 lb)	31244	\$795.00



RICE LAKE WEIGHING SYSTEMS

Industrial Solutions on a Global Scale®

RLSSB Single-Ended Beam, Stainless Steel Welded Seal, NTEP 1:5000 Class III Multiple Cell, IP67



RATED CAPACITY	DIMENSIONS								
	C	C1	H	L	L1	L2	L3	L4	W
lb/inches									
1000-5000	.53	.68 THRU C'BORE 1.19x.47DP	1.88	8.00	4.00	.75	2.50	3.88	1.44
10,000	.88	1.00 THRU C'BORE 1.63x.62DP	2.75	9.25	4.62	.81	2.63	4.88	1.88
kg/millimeters									
453.6-2268.0	13.5	.68 THRU C'BORE 1.19x.47DP	47.8	203.2	101.6	19.1	63.5	98.6	36.6
4535.9	22.4	1.00 THRU C'BORE 1.63x.62DP	69.9	235.0	117.3	20.6	66.8	124.0	47.8

SPECIFICATIONS:

Full Scale Output:	2.0 mV/V
Bridge Resistance:	350 ohms, nominal
Material/Finish:	Stainless steel
Temperature:	Operating range 14°F to 104°F/-10°C to 40°C
Safe Overload:	150% Full scale
Rated Excitation:	10V DC (15V maximum)
Combined Error:	0.02%
Non-repeatability:	0.01% Full scale

Insulation Resistance:	5000 megohms
Seal Type:	Welded seal, IP67
Cable Length:	20'/6.1m
Cable Color Code:	Green ... + Excitation Black - Excitation White + Signal Red - Signal
Warranty:	2 years

RLSSB ORDER INFORMATION

Load Rating	Part #	Suggested List Price
1000 lb (453.6 kg)	34310	\$600.00
2000 lb (907.2 kg)	34311	\$600.00
5000 lb (2268.0 kg)	34312	\$600.00
10,000 lb (4535.9 kg)	34313	\$715.00

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
HBM	(see page 220) SB3
Revere Transducers	(see page 245) SSB
Artech	SS30610

WEIGH MODULE AVAILABLE

Model	Page #
Mount Kit RL1900	42

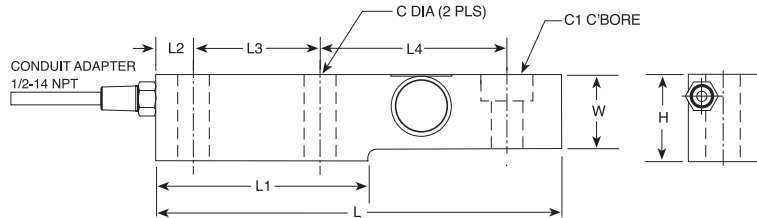
Teflon is a registered trademark of E.I. DuPont.

USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171

Prices & Specifications subject to change without notice



RLSB250 Single-Ended Beam, Stainless Steel Welded Seal, NTEP 1:5000 Class III Multiple Cell, IP67



RATED CAPACITY	DIMENSIONS								
	C	C1	H	L	L1	L2	L3	L4	W
lb/inches									
2500	.53	.68 THRU C'BORE 1.19x.47DP	1.88	8.00	4.00	.75	2.50	3.88	1.44
kg/millimeters									
1134.0	13.5	.68 THRU C'BORE 1.19x.47DP	47.8	203.2	101.6	19.1	63.5	98.6	36.6

SPECIFICATIONS:

Full Scale Output:	2.0 mV/V
Bridge Resistance:	350 ohms, nominal
Material/Finish:	Stainless steel
Temperature:	Operating range 14°F to 104°F/-10°C to 40°C
Safe Overload:	150% Full scale
Rated Excitation:	10V DC (15V maximum)
Combined Error:	0.02%
Non-repeatability:	0.01% Full scale

Insulation Resistance:	5000 megohms
Seal Type:	Welded seal, IP67
Cable Length:	20'/6.2m
Cable Color Code:	Green ... + Excitation Black - Excitation White + Signal Red - Signal
Warranty:	2 years

RLSB250 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
2500 lb (1134.0 kg)	34482	\$595.00

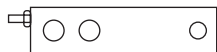
INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Cardinal®	SB2500

WEIGH MODULE AVAILABLE

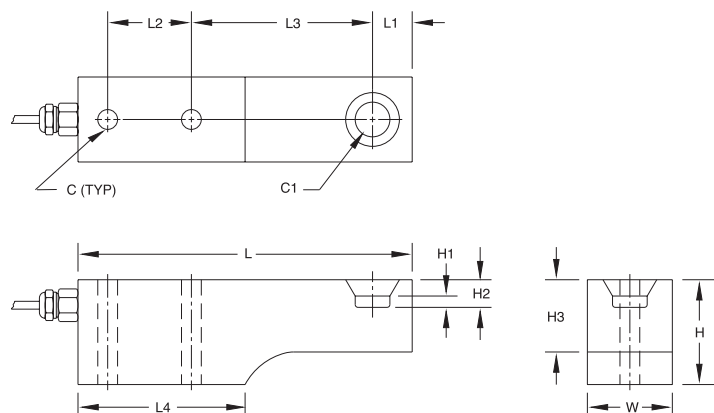
Model	Page #
Mount Kit RL1900	42

Cardinal is a registered trademark of Cardinal Scale Manufacturing Co.



RLSB2 Single-Ended Beam

Alloy Steel with Blind Load Hole, IP67



RATED CAPACITY	DIMENSIONS											
	C	C1	H	H1	H2	H3	L	L1	L2	L3	L4	W
lb/inches												
1000-5000	.53	.87	1.87	.25	.47	1.43	8.00	.87	2.50	3.87	4.00	1.43
10,000	.87	1.00	2.75	.25	.62	1.85	9.25	.87	2.62	4.87	4.62	1.87
20,000	1.06	1.25	3.25	.37	.81	2.50	11.00	1.25	3.25	5.50	5.50	2.37
35,000	1.31	1.50	3.75	.46	.91	2.68	12.50	1.50	3.50	6.25	6.25	2.75
45,000	1.31	1.50	3.75	.46	.87	2.68	12.50	1.50	3.50	6.25	6.25	2.75
kg/millimeters												
453.6-2268.0	13.5	22.1	47.5	6.4	11.9	36.3	203.2	22.1	63.5	98.3	101.6	36.3
4535.9	22.1	25.4	69.9	6.4	15.8	47.0	235.0	22.1	66.6	123.7	117.4	47.5
9071.9	26.9	31.8	82.6	9.4	20.6	63.5	279.4	31.8	82.6	139.7	139.7	60.2
15,875.7	33.3	38.1	95.3	11.7	23.1	68.1	317.5	38.1	88.9	158.8	158.8	69.9
20,411.7	33.3	38.1	95.3	11.7	22.1	68.1	317.5	38.1	88.9	158.8	158.8	69.9

SPECIFICATIONS:

Full Scale Output:	2.0 mV/V $\pm$.07%*	Insulation Resistance:	10000 megohms
Bridge Resistance:	350 ohms, nominal	Seal Type:	35,000 & 45,000 lb/15,875.7 & 20,411.7 kg, Hermetically sealed, IP66
Material/Finish:	High-alloy steel, epoxy coated		All others, Environmentally protected
Temperature:	Compensated range 15°F to 115°F/-9°C to 46°C	Cable Length:	1000-5000 lb=10'/3.1m, 10,000-20,000 lb=15'/4.6m, 35,000-45,000 lb=30'/9.2m
Safe Overload:	150% Full scale	Cable Color Code:	Green + Excitation Black - Excitation White + Signal Red - Signal
Rated Excitation:	10V DC or AC (18V maximum)	Warranty:	2 years
Nonlinearity:	0.03% Full scale		
Hysteresis:	0.02% Full scale		

RLSB2 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
1000 lb (453.6 kg)	17211	\$1,295.00
2000 lb (907.2 kg)	17212	\$1,295.00
5000 lb (2268.0 kg)	17213	\$1,295.00
10,000 lb (4535.9 kg)	17214	\$1,295.00
20,000 lb (9071.9 kg)	17215	\$1,495.00
35,000 lb (15,875.7 kg)	17216	\$1,595.00
45,000 lb (20,411.7 kg)	17217	\$1,595.00

* Matched outputs

INTERCHANGEABLE PRODUCTS

Manufacturer	Model	Capacity
Masstron®	ML1310	1000 lb (453.6 kg)
Masstron®	ML1320	2000 lb (907.2 kg)
Masstron®	ML1350	5000 lb (2268.0 kg)
Masstron®	ML1410	10,000 lb (4535.9 kg)
Masstron®	ML1420	20,000 lb (9071.9 kg)
Masstron®	ML1435	35,000 lb (15,875.7 kg)
Masstron®	ML1437**	35,000 lb (15,875.7 kg)
Masstron®	ML1445	45,000 lb (20,411.7 kg)
Masstron®	ML1447**	45,000 lb (20,411.7 kg)

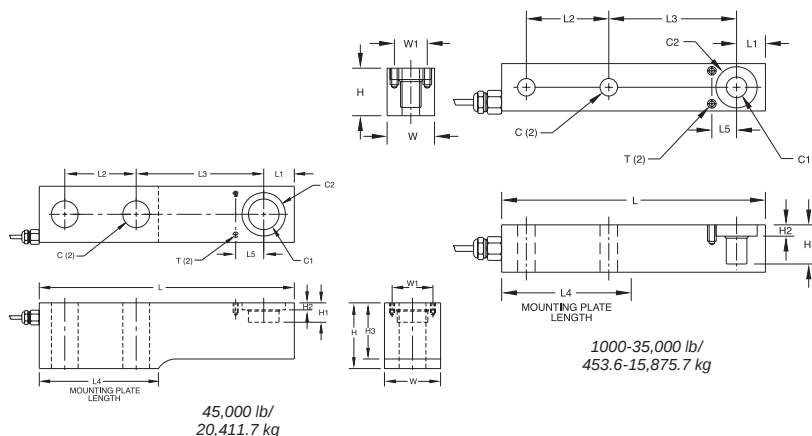
** Load cells were originally equipped with spark gaps and stainless steel outer sheath cable.

Masstron is a registered trademark of Mettler-Toledo Inc.



RLSB2L/RLSB2M Single-Ended Beam

Alloy Steel/Stainless Steel with Blind Load Hole, IP67



RATED CAPACITY	DIMENSIONS															
	C	C1	C2	H	H1	H2	H3	L	L1	L2	L3	L4	L5	W	W1	T
lb/inches																
1000-5000	.53	.62	1.25	1.43	1.18	.34	—	8.00	.87	2.50	3.87	4.00	.75	1.43	1.00	8-32X.37DP
10,000	.84	.87	1.50	1.70	1.08	.39	—	9.25	.87	2.62	4.87	4.62	.87	1.68	1.12	10-32X.37DP
20,000	1.06	1.25	1.87	2.37	.81	.37	—	11.00	1.25	3.25	5.50	5.50	1.25	2.37	1.75	10-32X.37DP
35,000	1.31	1.50	2.12	2.75	.95	.37	—	12.50	1.50	3.50	6.25	6.00	1.37	2.75	2.00	10-32X.50DP
45,000	1.31	1.50	2.12	3.22	.95	.37	2.75	12.50	1.50	3.50	6.25	5.84	1.37	2.75	2.00	10-32X.50DP
kg/millimeters																
453.6-2268.0	13.5	15.8	31.8	36.3	30.0	8.6	—	203.2	22.1	63.5	98.3	101.6	19.1	36.3	25.4	8-32X9.4DP
4535.9	21.3	22.1	38.1	43.2	27.4	9.9	—	235.0	22.1	66.6	123.7	117.4	22.1	42.7	28.5	10-32X9.4DP
9071.9	26.9	31.8	47.5	60.2	20.8	9.4	—	279.4	31.8	82.6	139.7	139.7	31.8	60.2	44.5	10-32X9.4DP
15,875.7	33.3	38.1	53.9	69.9	24.1	9.4	—	317.5	38.1	88.9	158.8	152.4	34.8	69.9	50.8	10-32X12.7DP
20,411.7	33.3	38.1	53.9	81.8	24.1	9.4	69.9	317.5	38.1	88.9	158.8	148.3	34.8	69.9	50.8	10-32X12.7DP

SPECIFICATIONS:

Full Scale Output:	2.0 mV/V ± .07% (Matched)	Insulation Resistance:	10000 megohms
Bridge Resistance:	350 ohms, nominal (RLSB2L) 2000 ohms (RLSB2M)	Seal Type:	35,000 & 45,000 lb/15,875.7 & 20,411.7 kg, Hermetically sealed, IP67 All others - environmentally protected
Material/Finish:	1000-10,000 lb - Stainless steel 20,000-45,000 lb - High-alloy steel, epoxy coated 45,000 lb (2000Ω)-Stainless steel	Cable Length:	1000-5000 lb=10'/3.1m, 10,000-20,000 lb=15'/4.6m, 35,000-45,000 lb=30'/9.2m
Temperature:	Compensated range 15°F to 115°F/-9°C to 46°C	Cable Color Code:	Green ... + Excitation Black Excitation White + Signal Red - Signal
Safe Overload:	150% Full scale	Warranty:	2 years
Rated Excitation:	10V DC/AC (18V maximum)		
Nonlinearity:	0.03% Full scale		
Hysteresis:	0.03% Full scale		

RLSB2L/RLSB2M ORDER INFORMATION

Load Rating	Part #	Suggested List Price
RLSB2L		
1000 lb (453.6 kg)	17204	\$865.00
3000 lb (1360.8 kg)	17205	\$865.00
5000 lb (2268.0 kg)	17206	\$865.00
10,000 lb (4535.9 kg)	17207	\$965.00
20,000 lb (9071.9 kg)	17208	\$995.00
35,000 lb (15,875.7 kg)	65234	\$1,495.00
RLSB2M		
45,000 lb (20,411.7 kg) 350Ω ..	22279	\$1,565.00
45,000* lb (20,411.7 kg) 2000Ω	31915	\$1,565.00

* Hermetically sealed

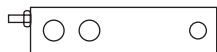
Masstron is a registered trademark of Mettler-Toledo Inc.

USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171

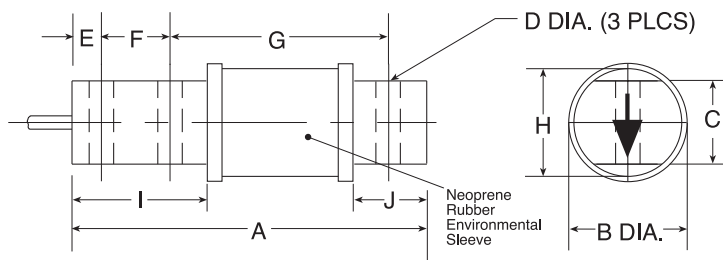
Prices & Specifications subject to change without notice

INTERCHANGEABLE PRODUCTS

Manufacturer	Model	Capacity
Masstron®	ML4311	1000 lb (453.6 kg)
Masstron®	ML4331	3000 lb (1360.8 kg)
Masstron®	ML4350	5000 lb (2268.0 kg)
Masstron®	ML4410	10,000 lb (4535.9 kg)
Masstron®	ML4420	20,000 lb (9071.9 kg)
Masstron®	ML4437	35,000 lb (15,875.7 kg)
Masstron®	ML4447	45,000 lb (20,411.7 kg)
Masstron®	ML4449	45,000 lb (20,411.7 kg)



RL50210 Single-Ended Beam, Alloy Steel, IP65

**RATED CAPACITY****lb/inches**
25-500

A	B	C	D	E	F	G	H	I	J
2.81	1.30	.62	.26	.25	.50	1.81	1.00	1.00	.50

kg/millimeters
11.3-226.8

71.4	33.0	15.8	6.6	6.4	12.7	46.0	25.4	25.4	12.7
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SPECIFICATIONS:

Full Scale Output: 3.0 mV/V
Bridge Resistance: 350 ohms, nominal
Material/Finish: High-alloy steel, nickel plated
Temperature: Compensated range
0°F to 150°F/-18°C to 65°C
Safe Overload: 150% Full scale
Rated Excitation: 10V DC (15V maximum)
Nonlinearity: 0.03% Full scale
Hysteresis: 0.02% Full scale
Insulation Resistance: 5000 megohms

Deflection at Capacity: 25-50 lb = .008"/.20mm, 100 lb = .010"/.25mm,
150 lb = .012"/.30mm, 250 lb = .016"/.41mm,
500 lb = .025"/.64mm
Seal Type: Environmentally protected with neoprene sleeve, IP67
Cable Length: 20'/6.1m
Cable Color Code: Red + Excitation
Black - Excitation
Green ... + Signal
White - Signal
Warranty: 2 years

RL50210 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
25 lb (11.3 kg)	17385	\$245.00
50 lb (22.7 kg)	17380	\$245.00
100 lb (45.4 kg)	17381	\$245.00
150 lb (68.0 kg)	17382	\$245.00
250 lb (113.4 kg)	17383	\$245.00
500 lb (226.8 kg)	17384	\$245.00

INTERCHANGEABLE PRODUCTS

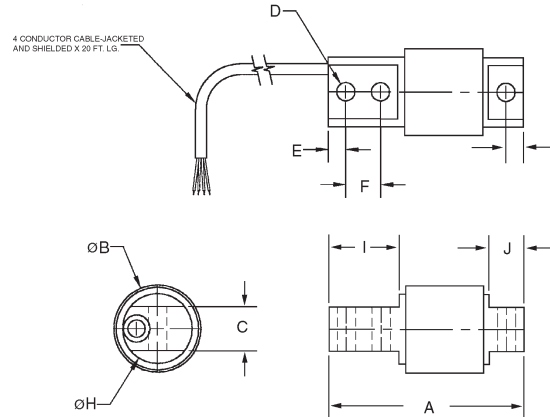
Manufacturer	Model
Sensortronics	(see page 280) 60040
Artech	50210
Revere Transducers	5503
Rice Lake	(see page 121) RL50210SS

WEIGH MODULE AVAILABLE

Model	Page #
RL50210 TA	30



RL50210SS Single-Ended Beam, Stainless Steel, IP67



RATED CAPACITY

lb/inches
25-500

A	B	C	D	E	F	G	H	I	J
2.81	1.30	.62	.26	.25	.50	1.81	1.00	1.00	.50

kg/millimeters
11.3-226.8

71.4	33.0	15.8	6.6	6.4	12.7	46.0	25.4	25.4	12.7
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DIMENSIONS

SPECIFICATIONS:

Full Scale Output: 3.0 mV/V
 Bridge Resistance: 350 ohms, nominal
 Material/Finish: Stainless Steel
 Temperature: Compensated range
 0°F to 150°F/-18°C to 65°C
 Safe Overload: 150% Full scale
 Rated Excitation: 10V DC (15V maximum)
 Nonlinearity: 0.03% Full scale
 Hysteresis: 0.05% Full scale
 Insulation Resistance: 5000 megohms

Deflection at Capacity: 25-50 lb = .008"/.20mm, 100 lb = .010"/.25mm,
 150 lb = .012"/.30mm, 250 lb = .016"/.41mm,
 500 lb = .025"/.64mm

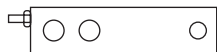
Seal Type: Environmentally protected with stainless sleeve, IP67
 Cable Length: 20'/6.1m
 Cable Color Code: Red + Excitation
 Black - Excitation
 Green ... + Signal
 White - Signal
 Warranty: 2 years

RL50210SS ORDER INFORMATION

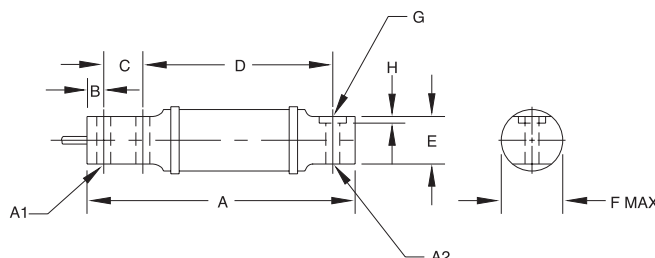
Load Rating	Part #	Suggested List Price
25 lb (11.3 kg)	53209	\$285.00
50 lb (22.7 kg)	53210	\$285.00
75 lb (34.0 kg)	53211	\$285.00
100 lb (45.4 kg)	53212	\$285.00
150 lb (68.0 kg)	53213	\$285.00
250 lb (113.4 kg)	53214	\$285.00
500 lb (226.8 kg)	53215	\$285.00

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Sensortronics	(see page 280) 60040
Artech	50210
Revere Transducers	5503
Rice Lake	(see page 120) RL50210



RL40BBS Single-Ended Beam, Alloy Steel, IP65



RATED CAPACITY	DIMENSIONS									
	A	A1	A2	B	C	D	E	F	G	H
lb/inches										
50-100	6.00	.31	.31	.38	.88	4.25	1.06	1.41	—	—
200-1000	6.62	.52	.52	.50	1.12	4.25	1.06	1.41	—	—
2500	11.38	.53	.62	.50	1.75	8.25	1.25	2.19	1.19	.12
kg/millimeters										
22.7-45.4	52.4	7.9	7.9	9.7	22.4	108.0	26.9	35.8	—	—
90.7-453.6	168.2	13.2	13.2	12.7	28.5	108.0	26.9	35.8	—	—
1134.0	289.1	13.5	15.8	12.7	44.5	209.6	31.8	55.6	30.3	3.0

SPECIFICATIONS:

Full Scale Output:	2.0 mV/V	Insulation Resistance:	5000 megohms
Bridge Resistance:	50-1000 lb/750 ohms, nominal 2500 lb/347 ohms, nominal	Deflection at Capacity:	50 lb = .015"/.38mm, 100 lb = .005"/.127mm, 200-250 lb = .030"/.76mm, 500 lb = .020"/.51mm, 1000 lb = .040"/1.02mm, 2500 lb = .120"/3.05mm
Material/Finish:	High-alloy steel, nickel plated	Seal Type:	Environmentally protected with neoprene sleeve, IP65
Temperature:	Compensated range 15°F to 115°F/-9°C to 46°C	Cable Length:	10'/3.1m
Safe Overload:	150% Full scale	Cable Color Code:	Green ... + Excitation Black - Excitation White + Signal Red - Signal
Rated Excitation:	10V AC/DC (15V maximum)	Warranty:	2 years
Nonlinearity:	0.03% Full scale		
Hysteresis:	0.02% Full scale		

RL40BBS ORDER INFORMATION

Load Rating	Part #	Suggested List Price
50 lb (22.7 kg)	17395	\$375.00
100 lb (45.4 kg)	17343	\$375.00
200 lb (90.7 kg)	17396	\$375.00
250 lb (113.4 kg)	17397	\$375.00
500 lb (226.8 kg)	17398	\$375.00
1000 lb (453.6 kg)	17344	\$375.00
2500 lb (1134.0 kg)	17345	\$595.00

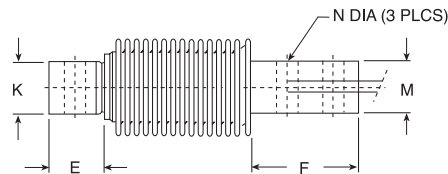
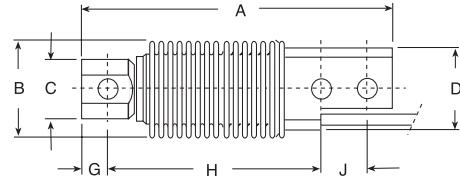
INTERCHANGEABLE PRODUCTS

Manufacturer	Model
HBM	(see page 218) BBS
Sensortronics	60007
BLH®	LBG1, LBP1 Series
Fairbanks®	3-481XX-1
Fairbanks®	3-48660-1



RLHBB Single-Ended Beam, Stainless Steel

Hermetically Sealed, IP68, NTEP 1:5000 Class III Multiple Cell, OIML C3



RATED CAPACITY	DIMENSIONS											
	A	B	C	D	E	F	G	H	J	K	M	N
kg/millimeters												
5-500	120.0	40.0	23.0	32.0	20.5	45.5	10.0	82.0	18.0	20.0	20.0	8.20
lb/inches												
11.0-1102.3	4.72	1.61	.91	1.26	.81	1.79	.39	3.23	.71	.79	.79	.32

SPECIFICATIONS:

Full Scale Output: 2.0 mV/V
 Bridge Resistance: 350 ohms, nominal
 Material/Finish: Stainless steel
 Temperature: Compensated range
 14°F to 104°F/-10°C to 40°C
 Safe Overload: 150% Full scale
 Rated Excitation: 10V AC/DC (15V maximum)
 Total Error: 0.02% Full scale
 Insulation Resistance: 1000 megohms

Deflection at Capacity: 5-250 kg ≤ .4mm/.015"
 Seal Type: Hermetically sealed, IP68
 Cable Length: 3m/10'
 Cable Color Code: Blue + Excitation
 Black - Excitation
 White + Signal
 Red - Signal
 Green ... + Sense
 Gray - Sense
 Warranty: 2 years

RLHBB ORDER INFORMATION

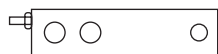
	Load Rating	Part #	Suggested List Price
OIML			
	5 kg (11.0 lb)	32678	\$525.00
	10 kg (22.0 lb)	32677	\$525.00
	20 kg (44.1 lb)	31259	\$525.00
	50 kg (110.2 lb)	31260	\$525.00
	100 kg (220.5 lb)	31261	\$525.00
	200 kg (441.0 lb)	31262	\$525.00
	250 kg (551.2 lb)	31263	\$525.00
	500 kg (1102.5 lb)	36462	\$525.00
NTEP			
	5 kg (11.0 lb)	41113	\$525.00
	10 kg (22.0 lb)	41114	\$525.00
	20 kg (44.1 lb)	41115	\$525.00
	50 kg (110.2 lb)	41116	\$525.00
	100 kg (220.5 lb)	41117	\$525.00
	200 kg (441.0 lb)	41118	\$525.00
	250 kg (551.2 lb)	41119	\$525.00
	500 kg (1102.5 lb)	41120	\$525.00

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
HBM	(see page 222) Z6
Revere Transducers	(see page 244) SHB
Tedea-Huntleigh	(see page 310) 355

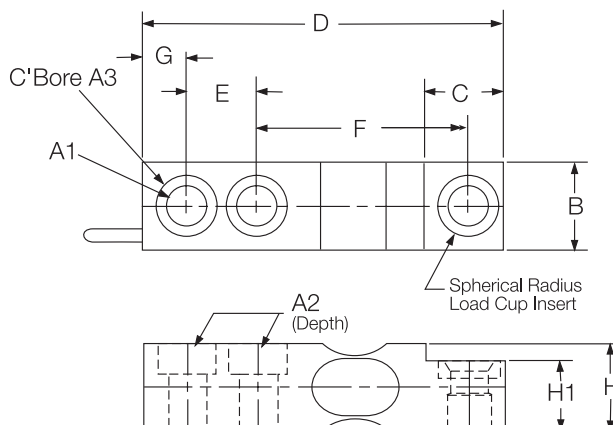
WEIGH MODULE AVAILABLE

Model	Page #
1700HE Series	16

**RICE LAKE WEIGHING SYSTEMS**

Industrial Solutions on a Global Scale®

RLMK15 Single-Ended Beam, Alloy Steel, IP67

**RATED CAPACITY****lb/inches**
500-4000**kg/millimeters**
226.8-1814.4**DIMENSIONS**

	A1	A2	A3	B	C	D	E	F	G	H	H1
lb/inches	.53 DIA.	.44	.84	1.25	1.12	5.13	1.00	3.00	.63	1.25	1.00
kg/millimeters	13.4 DIA.	11.2	21.3	31.8	28.4	130.3	25.4	76.2	16.0	31.8	25.4

SPECIFICATIONS:

Full Scale Output: 3.0 mV/V
Bridge Resistance: 350 ohms, nominal
Material/Finish: Alloy steel
Temperature: Compensated range
0°F to 150°F/-18°C to 65°C
Safe Overload: 150% Full scale
Rated Excitation: 15V AC/DC
Nonlinearity: 0.02% Full scale
Hysteresis: 0.03% Full scale

Insulation Resistance: >2000 megohms
Seal Type: Environmentally protected, IP67
Cable Length: 20'/6.1m
Cable Color Code: Red + Excitation
Black - Excitation
Green ... + Signal
White - Signal
Orange ... Shield
Warranty: 2 years

RLMK15 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
500 lb (226.8 kg)	47945	\$665.00
1000 lb (453.6 kg)	33295	\$665.00
2500 lb (1134.0 kg)	33294	\$665.00
4000 lb (1814.4 kg)	47949	\$665.00

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
NCI®	Mark15

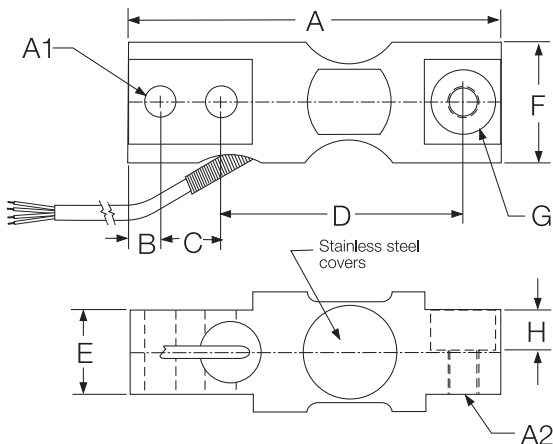
NCI is a registered trademark of Weigh-Tronix, Inc.

USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171

Prices & Specifications subject to change without notice



RL32155 Single-Ended Beam, Stainless Steel, IP67



RATED CAPACITY

lb/inches
500-2000

kg/millimeters
226.8-907.2

DIMENSIONS

	A	A1	A2	B	C	D	E	F	G	H
500-2000	6.13	.515	1/2 20 UNF-2B	.50	1.00	4.00	1.40	1.99	1.07 DIA.	.67
226.8-907.2	155.7	13.08	1/2 20 UNF-2B	12.7	25.4	101.6	35.6	50.5	27.2 DIA.	17.0

SPECIFICATIONS:

Full Scale Output: 2.0 mV/V
 Bridge Resistance: 440 ohms, nominal w/voltage applied
 Material/Finish: Stainless steel
 Temperature: Compensated range
 0°F to 150°F/-18°C to 65°C
 Safe Overload: 150% Full scale
 Rated Excitation: 15V AC/DC
 Nonlinearity: 0.02% Full scale
 Hysteresis: 0.03% Full scale

Insulation Resistance: 5000 megohms
 Seal Type: Environmentally protected, IP67
 Cable Length: 15'/4.6m
 Cable Color Code:
 White + Excitation
 Blue - Excitation
 Green ... + Signal
 Black - Signal
 Yellow .. + Sense
 Red - Sense
 Orange ... Shield
 Warranty: 2 years

RL32155 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
500 lb (226.8 kg)	31914	\$525.00
1000 lb (453.9 kg)	31912	\$525.00
2000 lb (907.2 kg)	31913	\$525.00
Load Cup (See page 309)	31911	\$35.00

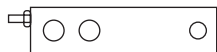
INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Toledo®	2155, 2855 Bases
Toledo®	11785600A, 12744300B
Toledo®	11786900A, 11788500A

Toledo is a registered trademark of Mettler-Toledo Inc.

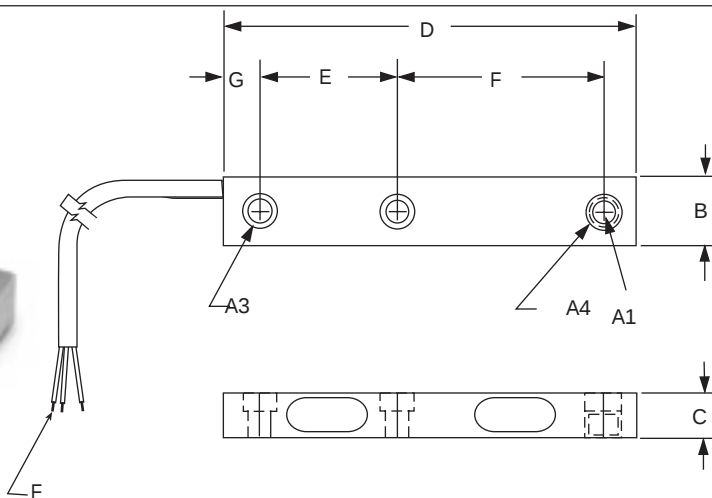
USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171

Prices & Specifications subject to change without notice

**RICE LAKE WEIGHING SYSTEMS**

Industrial Solutions on a Global Scale®

RL50500 Single-Ended Beam, Stainless Steel, IP67



RATED CAPACITY	DIMENSIONS									
	A1	A2	A3	A4	B	C	D	E	F	G
lb/inches										
500	3/8-16 Thd. Thru	.20	.26 DIA.	.39 DIA.	.73	.49	4.50	1.50	2.25	.40
kg/millimeters										
226.8	3/8-16 Thd. Thru	5.1	6.6 DIA.	9.9 DIA.	18.5	12.4	114.3	38.1	57.2	10.2

SPECIFICATIONS:

Full Scale Output: 3.0 mV/V
Bridge Resistance: 350 ohms, nominal
Material/Finish: Stainless steel
Temperature: Compensated range
0°F to 150°F/-18°C to 65°C
Safe Overload: 150% Full scale
Rated Excitation: 15V AC/DC
Nonlinearity: 0.02% Full scale
Hysteresis: 0.03% Full scale

Insulation Resistance: >2000 megohms
Seal Type: Environmentally protected, IP67
Cable Length: 15'/4.6m
Cable Color Code: Red + Excitation
Black - Excitation
Green + Signal
White - Signal
Orange ... Shield
Warranty: 2 years

RL50500 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
500 lb (226.8 kg)	33300	\$530.00

INTERCHANGEABLE PRODUCTS

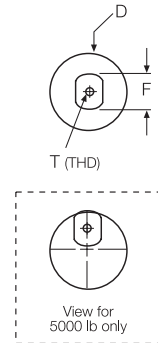
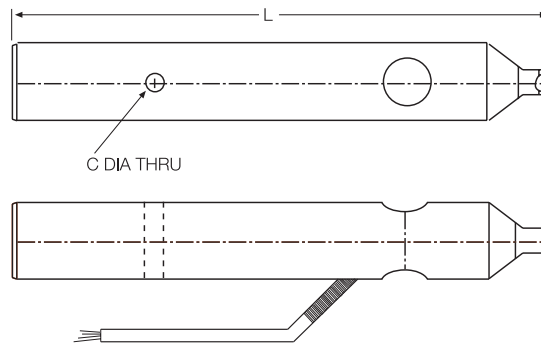
Manufacturer	Model
Electroscale	017116-001



RL75000SS Single-Ended Beam, Stainless Steel, IP67



5000 lb model shown



RATED CAPACITY

lb/inches

1250
2500
5000
10,000
25,000-37,500

C

.312
.375
.375
.50
.50

D

1.25
1.62
2.00
2.50
3.50

DIMENSIONS

F

.63
.70
.88
.88
1.75

L

11.50
11.50
10.88
12.63
15.00

T

#8-32
#6-32
#8-32
#8-32
5/16-18

kg/millimeters

567.0
1134.0
2268.0
4535.9
11,339.8-17,009.7

7.9
9.5
9.5
12.7
12.7

31.7
41.1
50.8
63.5
88.9

16.0
17.7
22.3
22.3
44.4

292.1
292.1
276.3
320.8
381.0

#8-32
#6-32
#8-32
#8-32
5/16-18

SPECIFICATIONS:

Full Scale Output: 2.0 mV/V (3.0 mV/V (37,500lb))
Bridge Resistance: 350 ohms, nominal
Material/Finish: Stainless steel
Temperature: Compensated range
0°F to 150°F/18°C to 65°C
Safe Overload: 150% Full scale
Rated Excitation: 15V DC
Nonlinearity: 0.02% Full scale

Hysteresis: 0.03% Full scale
Seal Type: Environmentally protected, IP67
Cable Length: 20'/6.1m
Cable Color Code: Green ... + Excitation
Black - Excitation
White + Signal
Red - Signal
Orange ... Shield
Warranty: 2 years

RL75000 SS ORDER INFORMATION

Load Rating	Part #	Suggested List Price
1250 lb (567 kg)	42501	\$495.00
2500 lb (1134 kg)	42502	\$495.00
5000 lb (2268 kg)	42503	\$550.00
10,000 lb (4536 kg)	42504	\$595.00
25,000 lb (11,340 kg)	42505	\$885.00
37,500 lb (17,010 kg)	47950	\$885.00

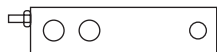
INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Weigh-Tronix®	Weigh Bar

Weigh-Tronix is a registered trademark of Weigh-Tronix, Inc.

USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171

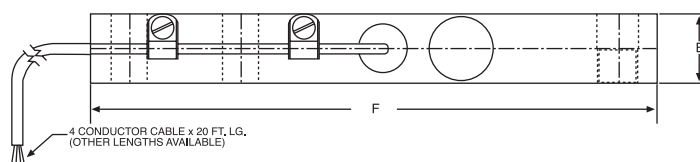
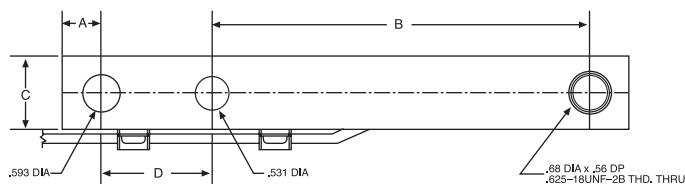
Prices & Specifications subject to change without notice



RICE LAKE WEIGHING SYSTEMS

Industrial Solutions on a Global Scale®

RLSBF Single-Ended Beam, Stainless Steel, IP67



RATED CAPACITY

lb/inches
1500-2500

A

B

C

D

E

F

.63

6.00

1.19

1.75

1.13

9.00

kg/millimeters

680.4-1134.0

16.0

152.4

30.2

44.4

28.7

228.6

SPECIFICATIONS:

Full Scale Output: 3.0 mV/V
Bridge Resistance: 1000 ohms, nominal
Material/Finish: Stainless steel
Temperature: Compensated range
-40°F to 180°F/-40°C-82°C
Safe Overload: 150% Full scale
Rated Excitation: 10V DC
Nonlinearity: 0.03% Full scale
Hysteresis: 0.05% Full scale

Insulation Resistance: >2000 megohms
Seal Type: Environmentally protected, IP67
Cable Length: 20'
Cable Color Code: Green ... + Excitation
Black - Excitation
White ... + Signal
Red - Signal
Orange ... Shield
Warranty: 2 years

RLSBF ORDER INFORMATION

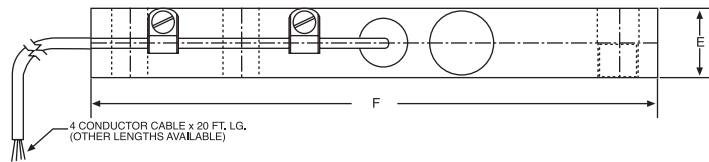
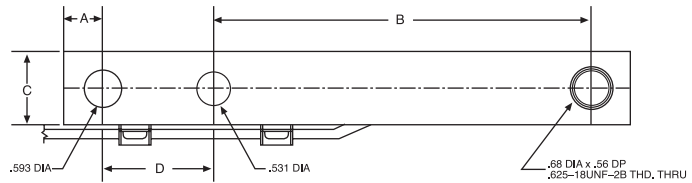
Load Rating	Part #	Suggested List Price
1500 lb (680.4 kg)	53284	\$535.00
2500 lb (1134.0 kg)	53283	\$535.00

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Fairbanks	3-48424-X, 3-48363-1A



RLBLF Single-Ended Beam, Stainless Steel, IP67



RATED CAPACITY

lb/inches
1500-2500

kg/millimeters
680.4-1134.0

DIMENSIONS

	A	B	C	D	E	F
lb/inches	.63	6.00	1.19	1.75	1.13	9.00
kg/millimeters	16.0	152.4	30.2	44.4	28.7	228.6

SPECIFICATIONS:

Full Scale Output: 2.0 mV/V
 Bridge Resistance: 350 ohms, nominal
 Material/Finish: Stainless steel
 Temperature: Compensated range
 -40°F to 180°F/-40°C to 82°C
 Safe Overload: 150% Full scale
 Rated Excitation: 10V DC (15V maximum)
 Nonlinearity: 0.03% Full scale

Hysteresis: 0.05% Full scale
 Insulation Resistance: 5000 megohms
 Seal Type: Environmentally protected, IP67
 Cable Length: 20'
 Cable Color Code: Green ... + Excitation
 Black - Excitation
 White + Signal
 Red - Signal
 Orange ... Shield
 Warranty: 2 years

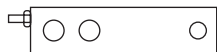
RLBLF SS ORDER INFORMATION

Load Rating	Part #	Suggested List Price
1500 lb (680.4 kg)	53285	\$535.00
2500 lb (1134 kg)	53286	\$535.00

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Fairbanks®	3-53581-X, 3-52921-1

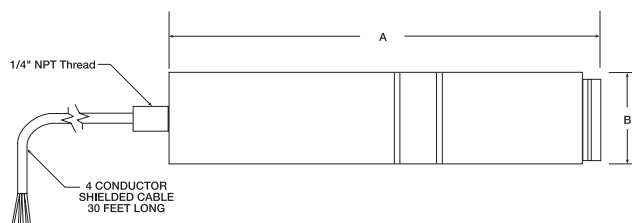
Fairbanks is a registered trademark of Fairbanks, Inc.

**RICE LAKE WEIGHING SYSTEMS**

Industrial Solutions on a Global Scale®

RLBEAM Single-Ended Beam, Stainless Steel, IP68

Hermetically Sealed

**RATED
CAPACITY****lb/inches**

2250-4500	(10 kN - 20 kN*)
11,250	(50 kN*)
22,500	(100 kN*)
45,000	(200 kN*)

A

8.38
11.6
12.6
13.8

DIMENSIONS**B**

1.96
2.95
3.54
3.93

kg/millimeters

1020.6-2041.2	(10 kN - 20 kN*)
5102.9	(50 kN*)
10,205.8	(100 kN*)
20,411.7	(200 kN*)

212.9
294.6
320.0
350.5

49.8
74.9
89.9
99.8

SPECIFICATIONS:

Full Scale Output:	2.0 mV/V
Bridge Resistance:	350 ohms, nominal
Material/Finish:	Stainless steel
Temperature:	Compensated range 0°F to 150°F/18°C to 65°C
Safe Overload:	300% Full scale
Rated Excitation:	15V DC
Nonlinearity:	0.02% Full scale
Hysteresis:	0.02% Full scale

Seal Type:	Hermetically sealed, IP68
Cable Length:	30'/9.1m
Cable Color Code:	Green ... + Excitation Black - Excitation White + Signal Red - Signal
Warranty:	2 years

RLBEAM ORDER INFORMATION

Load Rating	Part #	Suggested List Price
2,250 lb (10kN*) (1020.6 kg)	47845	\$1,210.00
4,500 lb (20kN*) (2041.2 kg)	47846	\$1,210.00
11,250 lb (50kN*) (5,102.9 kg)	47847	\$1,810.00
22,500 lb (100kN*) (10,205.8 kg)	47848	\$1,865.00
45,000 lb (200kN*) (20,411.7 kg)	47849	\$2,490.00

*kN = Kilonewtons, 1 kN = 224.8089 lb

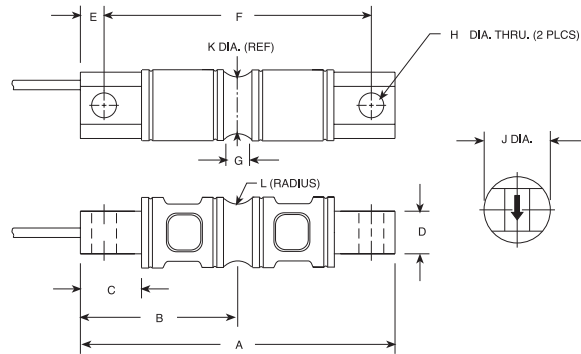
BLH and KIS Beam are registered trademarks of BLH Electronics.

USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171

Prices & Specifications subject to change without notice



RL70000 Double-Ended Beam, Alloy Steel NTEP 1:10,000 Class IIIL Multiple Cell, IP67



RATED CAPACITY	DIMENSIONS										
	A	B	C	D	E	F	G	H	J	K	L
lb/inches											
5000-20,000	8.12	4.06	1.44	1.12	.62	6.88	.62	.66	1.83	1.48	.50
30,000-60,000	10.25	5.12	1.88	2.37	.88	8.50	1.00	1.06	3.20	2.73	1.00
100,000	11.25	5.62	1.88	2.50	.88	9.50	1.00	1.06	3.75	3.24	1.00
150,000	11.25	5.62	1.88	2.80	.88	9.50	1.25	1.06	3.90	3.64	1.50
200,000	16.10	8.05	3.05	4.60	1.55	13.00	1.30	1.56	5.38	5.17	2.00
kg/millimeters											
2268.0-9071.9	206.3	103.1	36.6	28.5	15.8	174.8	15.8	16.8	55.9	37.6	12.7
13,607.8-27,215.6	260.4	130.1	47.8	60.2	22.4	215.9	25.4	26.9	81.3	69.3	25.4
45,359.4	285.8	142.8	47.8	63.5	22.4	241.3	25.4	26.9	95.3	82.3	25.4
68,038.8	285.8	142.8	47.8	63.5	22.4	241.3	31.8	26.9	99.1	92.5	38.1
90,718.5	409.0	204.5	77.5	116.8	39.4	330.2	33.0	39.6	136.7	131.3	50.8

SPECIFICATIONS:

Full Scale Output:	3.0 mV/V	20,000 lb = .042"/1.1mm, 30,000-50,000 lb = .02"/.5mm, 60,000lb = .025"/.6mm, 100,000 lb = .02"/.5mm
Bridge Resistance:	700 ohms, nominal	
Material/Finish:	High-alloy steel, nickel plated	Seal Type: Environmentally protected, IP67
Temperature:	Compensated range 14°F to 104°F/-10°C to 40°C	Cable Length: 30'/9.1m
Safe Overload:	150% Full scale	Cable Color Code: Red + Excitation Black - Excitation Green ... + Signal White - Signal
Rated Excitation:	10VDC (15V maximum)	Warranty: 2 years
Non-Repeatability:	0.01% Full scale	
Insulation Resistance:	5000 megohms	
Deflection at Capacity:	5000 lb = .02"/.5mm, 10,000 lb = .025"/.6mm,	

RL70000 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
NTEP:		
5000 lb (2268.0 kg)	36263	\$655.00
10,000 lb (4535.9 kg)	36264	\$655.00
20,000 lb (9071.9 kg)	36265	\$655.00
30,000 lb (13,607.8 kg)	36266	\$755.00
40,000 lb (18,143.7 kg)	36267	\$755.00
50,000 lb (22,679.6 kg)	36268	\$845.00
60,000 lb (27,215.5 kg)	36269	\$845.00
100,000 lb (45,359.2 kg)	36270	\$1,475.00
150,000 lb (68,038.8 kg)	36976	\$1,475.00
200,000 lb (90,718.5 kg)	36977	\$2,450.00

Non-NTEP:
250,000 lb (113,398.0 kg) 36978 \$2,775.00

Conduit Adapter Kit* (must be factory installed to maintain warranty)
3/8-24 Nipple 31533* \$15.00
3/8-24 to 1/4-18 NPT 31534* \$15.00
5/8-18 UNF/1/2-14 NPT 31535** \$30.00

* On capacities of 5000 to 20,000 lb, parts #31533 and #31534 must be installed together to form the Conduit Adapter Kit.

** On capacities of 30,000 to 200,000 lb, order part #31535.

USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171

Prices & Specifications subject to change without notice

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Celtron	(see page181) CSB
Revere Transducers	(see page 246) 5103
Artech	70210

WEIGH MODULE AVAILABLE

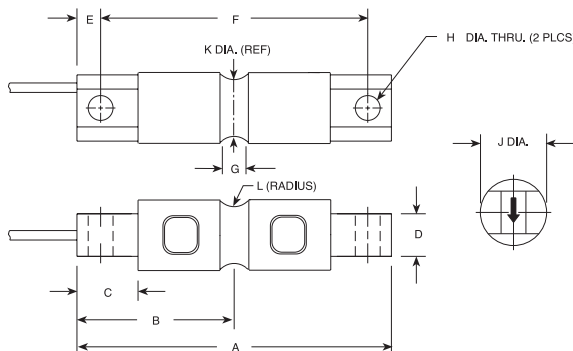
Model	Page #
EZ Mount 1	52



RICE LAKE WEIGHING SYSTEMS

Industrial Solutions on a Global Scale®

RL70000 SS Double-Ended Beam, Stainless Steel, IP67



RATED CAPACITY	DIMENSIONS										
	A	B	C	D	E	F	G	H	J	K	L
lb/inches											
5000-10,000	8.12	4.06	1.44	1.12	.62	6.88	.62	.66	1.83	1.48	.50
20,000	8.12	4.06	1.44	1.12	.84	6.88	.84	.66	2.08	1.48	.50
30,000-60,000	10.25	5.12	1.88	2.37	.88	8.50	1.00	1.06	3.20	2.73	1.00
100,000	11.25	5.62	1.88	2.50	.88	9.50	1.00	1.06	3.75	3.24	1.00
150,000	11.25	5.62	1.88	2.80	.88	9.50	1.25	1.06	3.90	3.64	1.50
kg/millimeters											
2268.0-4535.9	206.3	103.1	36.6	28.5	15.8	174.8	15.8	16.8	55.9	37.6	12.7
9071.9	206.3	103.1	36.6	14.2	21.3	174.8	21.3	16.8	52.8	37.6	12.7
13,607.8-27,215.6	260.4	130.1	47.8	60.2	22.4	215.9	25.4	26.9	81.3	69.3	25.4
45,359.4	285.8	142.8	47.8	63.5	22.4	241.3	25.4	26.9	95.3	82.3	25.4
68,093.1	285.8	142.8	47.8	63.5	22.4	241.3	31.8	26.9	95.3	92.5	38.1

SPECIFICATIONS:

Full Scale Output:	3.0 mV/V	Deflection at Capacity:	5000 lb = .02"/.5mm, 10,000 lb = .025"/.6mm, 20,000 lb = .042"/1.1mm, 30,000-50,000 lb = .02"/.5mm, 60,000lb = .025"/.6mm, 100,000-150,000 lb = .02"/.5mm
Bridge Resistance:	700 ohms, nominal	Seal Type:	Environmentally protected, IP67
Material/Finish:	Stainless steel	Cable Length:	30'/9.2m
Temperature:	Compensated range 0°F to 150°F/-18°C to 65°C	Cable Color Code:	Red + Excitation Black - Excitation Green ... + Signal White - Signal Orange ... Shield
Safe Overload:	150% Full scale	Warranty:	2 years
Rated Excitation:	10V AC/DC (15V max)		
Non-repeatability:	0.02% Full scale		
Combined Error:	0.1% Full scale		
Insulation Resistance:	5000 megohms		

RL70000 SS ORDER INFORMATION

Rated Capacity	Part #	Suggested List Price
5000 lb (2268.0kg)	30431	\$700.00
10,000 lb (4535.9 kg)	30432	\$750.00
20,000 lb (9071.9 kg)	30433	\$750.00
30,000 lb (13,607.8 kg)	30434	\$825.00
40,000 lb (18,143.7 kg)	30435	\$825.00
50,000 lb (22,679.6 kg)	30436	\$925.00
60,000 lb (27,215.5 kg)	30437	\$925.00
100,000 lb (45,359.2 kg)	30444	\$1,825.00
150,000 lb (68,038.9 kg)	30445	\$1,895.00
Conduit Adapter Kit* (must be factory installed to maintain warranty)		
3/8-24 Nipple	31533*	\$15.00
3/8-24 to 1/4-18 NPT	31534*	\$15.00
5/8-18 UNF/1/2-14 NPT	31535**	\$30.00

* On capacities of 5000 to 20,000 lb, parts #31533 and #31534 must be installed together to form the Conduit Adapter Kit.

** On capacities of 30,000 to 150,000 lb, order part #31535.

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Rice Lake Weighing Systems	(see page 133) RL71000HE
Revere Transducers	(see page 247) 9103
Artech	SS70210

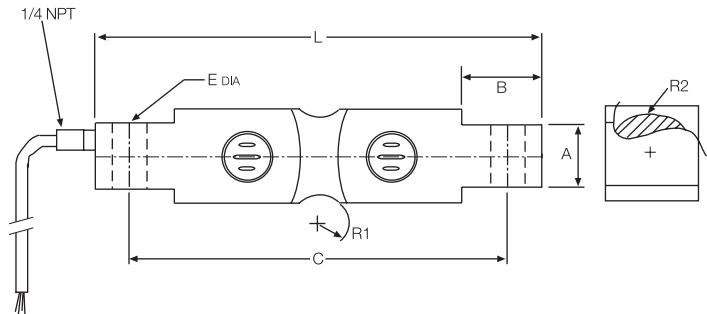
WEIGH MODULE AVAILABLE

Model	Page #
EZ Mount 1	52

USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171



RL71000 HE Double-Ended Beam, Stainless Steel Hermetically Sealed, IP66/68



SPECIFICATIONS:

Full Scale Output:	3.0 mV/V
Bridge Resistance:	700 ohms, nominal with voltage applied
Material/Finish:	Stainless steel
Temperature:	Compensated range 0°F to 150°F/-18°C to 65°C
Safe Overload:	300% Full scale
Side Load:	100% Full scale
Rated Excitation:	4-18 VDC
Nonlinearity:	0.03% Full scale
Hysteresis:	0.02% Full scale
Insulation Resistance:	5000 megohms
Seal Type:	Hermetically sealed, IP66/68
Cable Length:	25'/7.6m
Cable Color Code:	Red + Excitation Black - Excitation Green ... + Signal White - Signal Orange ... Shield
Warranty:	2 years

RATED CAPACITY

DIMENSIONS

	A	B	C	E	R1	R2	L
lb/inches							
5000-20,000	1.14	1.44	6.88	.68	.50	1.48	8.12
30,000-60,000	2.38	1.88	8.50	1.06	1.00	2.73	10.25
kg/millimeters							
2268-9072	28.9	36.5	174.7	17.2	12.7	37.5	206.2
13,608-27,216	60.4	47.7	215.9	26.9	25.4	69.3	260.3

RL71000HE ORDER INFORMATION

Load Rating	Part #	Suggested List Price
5000 lb (2268.0 kg)	42131	\$725.00
10,000 lb (4535.9 kg)	42132	\$775.00
20,000 lb (9071.9 kg)	42133	\$775.00
30,000 lb (13,608.0 kg)	42134	\$850.00
40,000 lb (18,144.0 kg)	42135	\$850.00
50,000 lb (22,679.6 kg)	42136	\$950.00
60,000 lb (27,216.0 kg)	42137	\$950.00

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Rice Lake Weighing Systems	(see page 133) RL70000 SS
Revere Transducers	(see page 247) 9103

WEIGH MODULE AVAILABLE

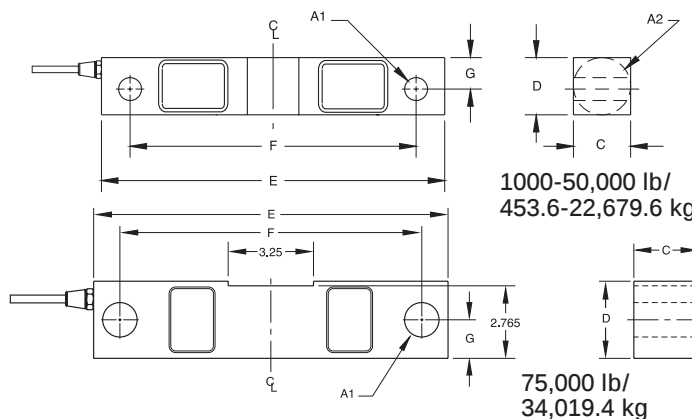
Model	Page #
EZ Mount 1	52



RICE LAKE WEIGHING SYSTEMS

Industrial Solutions on a Global Scale®

RL75016 Double-Ended Beam, Alloy Steel, IP67



SPECIFICATIONS:

Full Scale Output:	3.0 mV/V
Bridge Resistance:	700 ohms, nominal
Material/Finish:	High-alloy steel, nickel plated
Temperature:	Compensated range 0°F to 150°F/-18°C to 65°C
Safe Overload:	150% Full scale
Rated Excitation:	15V AC/DC (25V maximum)
Nonlinearity:	0.03% Full scale
Hysteresis:	0.02% Full scale
Insulation Resistance:	2000 megohms
Deflection at Capacity:	1000-3000 lb = .01"/.3mm, 5000 lb = .015"/.4mm 10,000-20,000 lb = .022"/.6mm, 25,000 lb = .036"/.9mm 50,000 lb = .052"/1.3mm, 75,000 lb = .07"/1.8mm
Seal Type:	Environmentally protected, IP67
Cable Length:	25'/7.6m
Cable Color Code:	Red + Excitation Black - Excitation Green + Signal White - Signal
Warranty:	2 years

RATED CAPACITY

	A1	A2	C	D	E	F	G
lb/inches							
1000-5000	.50	1.25	1.25	1.25	7.50	6.25	.69
10,000-25,000	.81	1.99	1.44	1.94	8.75	7.50	.96
50,000	1.31	3.00	2.44	2.94	13.50	11.50	1.50
75,000	1.31	—	2.44	2.94	13.50	11.50	1.47
kg/millimeters							
453.6-2268.0	12.7	31.8	31.8	31.8	190.5	158.8	17.5
4535.9-11,339.8	20.6	50.8	36.6	49.3	222.3	190.5	24.4
22,679.6	33.3	76.2	62.0	74.7	342.9	292.1	38.1
34,019.4	33.3	—	62.0	74.7	342.9	292.1	37.3

RL75016 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
1000 lb (453.6 kg)	17300	\$525.00
1500 lb (680.4 kg)	17302	\$525.00
2000 lb (907.2 kg)	17304	\$525.00
2500 lb (1134.0 kg)	17306	\$525.00
3000 lb (1360.8 kg)	17308	\$525.00
5000 lb (2268.0 kg)	17309	\$525.00
10,000 lb (4535.9 kg)	17311	\$600.00
15,000 lb (6803.9 kg)	17313	\$600.00
20,000 lb (9071.9 kg)	17315	\$600.00
25,000 lb (11,339.8 kg)	17317	\$600.00
50,000 lb (22,679.6 kg)	17319	\$925.00
75,000 lb (34,019.4 kg)	25357	\$925.00
Conduit Adapter Kit* (must be factory installed to maintain warranty)		
3/8-24 Nipple	31533*	\$15.00
3/8-24 to 1/4-18 NPT	31534*	\$15.00

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

NOTE: 75,000 lb capacity has a square center.

INTERCHANGEABLE PRODUCTS

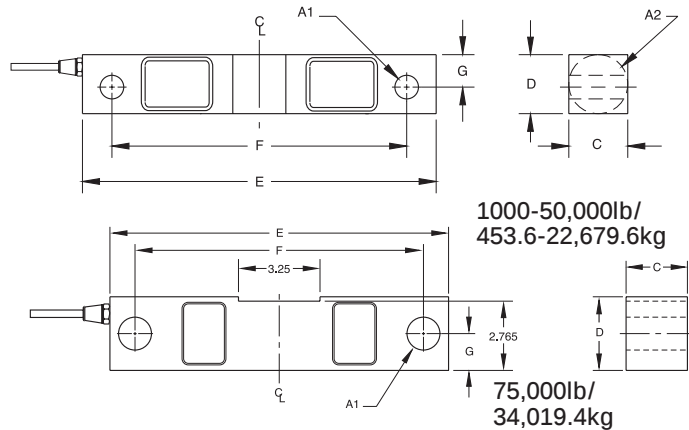
Manufacturer	Model
Celtron	(see page 182) DSR
Sensortronics	(see page 283) 65016
Artech	70510
Revere Transducers	5203

WEIGH MODULE AVAILABLE

Model	Page #
RL1600 Series	58-64



RL75016 SS Double-Ended Beam, Stainless Steel, IP67



SPECIFICATIONS:

Full Scale Output:	3.0 mV/V
Bridge Resistance:	700 ohms, nominal
Material/Finish:	Stainless steel
Temperature:	Compensated range 0°F to 150°F/-18°C to 65°C
Safe Overload:	150% Full scale
Rated Excitation:	15V AC/DC (25V maximum)
Nonlinearity:	0.03% Full scale
Hysteresis:	0.02% Full scale
Insulation Resistance:	2000 megohms
Deflection at Capacity:	1000-3000 lb = .01"/.3mm, 5000 lb = .015"/.4mm 10,000-20,000 lb = .022"/.6mm, 25,000 lb = .036"/.9mm 50,000 lb = .052"/1.3mm, 75,000 lb = .07"/1.8mm
Seal Type:	Environmentally protected, IP67
Cable Length:	25'/7.6m
Cable Color Code:	Red + Excitation Black - Excitation Green ... + Signal White - Signal
Warranty:	2 years

RATED CAPACITY

	A1	A2	C	D	E	F	G
lb/inches							
1000-5000	.50	1.25	1.25	1.25	7.50	6.25	.69
10,000-25,000	.81	1.99	1.44	1.94	8.75	7.50	.96
50,000	1.31	3.00	2.44	2.94	13.50	11.50	1.50
75,000	1.31	—	2.44	2.94	13.50	11.50	1.47
kg/millimeters							
453.6-2268.0	12.7	31.8	31.8	31.8	190.5	158.8	17.5
4535.9-11,339.8	20.6	50.8	36.6	49.3	222.3	190.5	24.4
22,679.6	33.3	76.2	62.0	74.7	342.9	292.1	38.1
34,019.4	33.3	—	62.0	74.7	342.9	292.1	37.3

RL75016 SS ORDER INFORMATION

Load Rating	Part #	Suggested List Price
1000 lb (453.6 kg)	17301	\$550.00
1500 lb (680.4 kg)	17303	\$550.00
2000 lb (907.2 kg)	17305	\$550.00
2500 lb (1134.0 kg)	17307	\$550.00
5000 lb (2268.0 kg)	17310	\$550.00
10,000 lb (4535.9 kg)	17312	\$625.00
15,000 lb (6803.9 kg)	17314	\$625.00
20,000 lb (9071.9 kg)	17316	\$625.00
25,000 lb (11,334.8 kg)	17318	\$625.00
50,000 lb (22,679.6 kg)	17320	\$1,225.00
75,000 lb (34,019.4 kg)	25356	\$1,225.00

Conduit Adapter Kit* (must be factory installed to maintain warranty)
 3/8-24 Nipple 31533* \$15.00
 3/8-24 to 1/4-18 NPT 31534* \$15.00

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

NOTE: 75,000 lb capacity has a square center.

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Rice Lake Weighing Systems	(see page 136) RL75016 HE
Sensortronics	(see page 284) 65016W
Sensortronics	(see page 285) 65016WH
Revere Transducers	9203

WEIGH MODULE AVAILABLE

Model	Page #
RL1600 Series	58-64



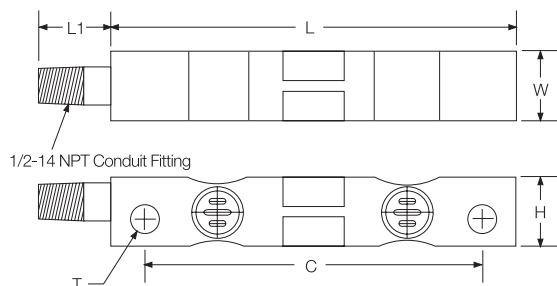
RICE LAKE WEIGHING SYSTEMS

Industrial Solutions on a Global Scale®

RL75016 HE Double-Ended Beam, Stainless Steel

Hermetically Sealed, IP66/68

EXPANDED!
Capacity Range



SPECIFICATIONS:

Full Scale Output:	3.0 mV/V
Bridge Resistance:	700 ohms nominal
Material/Finish:	Stainless steel
Temperature:	Compensated range 0°F to 150°F/-18°C to 65°C
Safe Overload:	180% Full scale
Rated Excitation:	5V min DC (15V maximum)
Total Error:	0.03% Full scale
Insulation Resistance:	>2000 megohms
Seal Type:	Hermetically sealed, IP66/68
Cable Length:	25'/7.6m
Cable Color Code:	Red + Excitation Black - Excitation Green + Signal White - Signal
Warranty:	2 years

RATED CAPACITY	DIMENSIONS					
	C	H	L	L1	T	W
lb/inches						
1000-5000	6.25	1.25	7.50	2.00	.50 DIA	1.25
10,000-25,000	7.50	2.00	8.75	2.00	.75 DIA	1.50
kg/millimeters						
453.6-2268.0	158.8	31.8	190.5	50.8	12.7 DIA	31.8
4535.9-11,339.8	190.5	50.8	222.3	50.8	19.1 DIA	38.1

RL75016 HE ORDER INFORMATION

Load Rating	Part #	Suggested List Price
1000 lb (453.6 kg)	33607	\$595.00
1500 lb (680.4 kg)	65838	\$595.00
2000 lb (907.2 kg)	65839	\$595.00
2500 lb (1124.0 kg)	33608	\$595.00
5000 lb (2268.0 kg)	33609	\$595.00
10,000 lb (4535.9 kg)	33610	\$675.00
15,000 lb (6803.9 kg)	33611	\$675.00
20,000 lb (9071.8 kg)	65840	\$675.00
25,000 lb (11,339.8 kg)	33612	\$675.00

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Rice Lake Weighing Systems	(see page 135) RL75016 SS*
Sensortronics	(see page 284) 65016W
Sensortronics	(see page 285) 65016WH

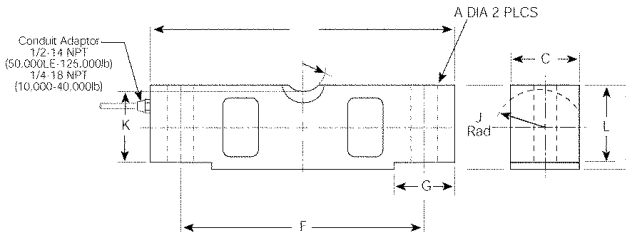
WEIGH MODULE AVAILABLE

Model	Page #
RL1600 Series	58-64



RL75058 Double-Ended Beam, Alloy Steel

NTEP 1:10,000 Class IIIL Multiple Cell, IP67



RATED CAPACITY	DIMENSIONS									
	A	C	D	E	F	G	H	J	K	L
lb/inches										
20,000-25,000	.68	1.69	1.94	7.75	6.50	1.38	.75	.90	1.63	1.70
40,000	.81	1.94	2.44	10.25	8.50	1.93	1.00	1.12	2.00	2.10
50,000LE-75,000	1.06	2.44	2.94	10.25	8.50	1.93	1.00	1.37	2.54	2.65
100,000-125,000	1.62	2.90	3.86	15.25	12.75	3.13	1.50	1.80	3.30	3.43
kg/millimeters										
9071.9-11,339.8	17.3	42.9	49.3	196.9	165.1	35.1	19.1	22.9	41.4	43.2
18,143.7	20.6	49.3	62.0	260.4	215.9	49.0	25.4	28.5	50.8	53.3
22,679.6LE-34,019.4	26.9	62.0	74.7	260.4	215.9	49.0	25.4	34.8	64.5	67.3
45,359.4-56,699.1	41.2	737	980	387.4	323.9	79.5	38.1	45.7	83.8	87.1

SPECIFICATIONS:

Full Scale Output:	3.0 mV/V
Bridge Resistance:	700 ohms, nominal
Material/Finish:	High-alloy steel, nickel plated
Temperature:	Compensated range 14°F to 104°F/-10°C to 40°C
Safe Overload:	150% Full scale
Rated Excitation:	10V DC (25V maximum)
Nonlinearity:	0.03% Full scale
Hysteresis:	0.02% Full scale

Insulation Resistance:	5000 megohms
Seal Type:	Environmentally protected, IP67
Cable Length:	35'/10.6m
Cable Coloring:	Red + Excitation Black - Excitation Green ... + Signal White - Signal
Warranty:	2 years

RL75058 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
NTEP 1:10,000		
20,000 lb (9071.9 kg)	34314	\$635.00
25,000 lb (11,339.8 kg)	34315	\$635.00
40,000 lb (18,143.7 kg)	34316	\$760.00
50,000 lb (22,679.6 kg)	34317	\$835.00
60,000 lb (27,215.5 kg)	34318	\$835.00
75,000 lb (34,019.4 kg)	34319	\$835.00
100,000 lb (45,359.4 kg)	34320	\$1,575.00
125,000 lb (56,699.1 kg)	34321	\$1,575.00
Non-NTEP		
10,000 lb (4536.0 kg)	41890	\$615.00
60' Cables		
50,000 lb (22,679.6 kg)	53417	\$975.00
75,000 lb (34,019.4 kg)	39516	\$975.00

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Sensortronics	(see page 286) 65058
Tedea-Huntleigh	(see page 311) 4158
Celtron	(see page 183) CLB

WEIGH MODULE AVAILABLE

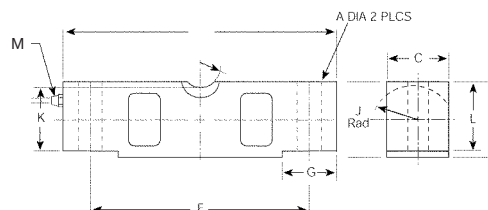
Model	Page #
2100 HE	20
TSA	72



RICE LAKE WEIGHING SYSTEMS

Industrial Solutions on a Global Scale®

RL75060/ RL75060S Double-Ended Beam, Stainless Steel Welded Seal, IP67, NTEP 1:5000 Class III/1:10,000 Class IIIL Multiple Cell



RATED CAPACITY	DIMENSIONS										
	A	C	D	E	F	G	H	J	K	L	M
lb/inches											
20,000-35,000	.68	1.69	1.94	7.75	6.50	1.38	.75	.90	1.63	1.70	1/4-18 NPT
40,000-75,000	1.06	2.44	2.94	10.25	8.50	1.93	1.00	1.37	2.54	2.65	1/2-14 NPT
100,000	1.06	2.44	3.44	10.25	8.50	1.93	1.00	1.37	2.54	2.65	1/2-14 NPT
kg/millimeters											
9071.9	17.3	42.9	49.3	196.9	165.1	35.1	19.1	22.9	41.4	43.2	1/4-18 NPT
15,875.7-34,019.4	26.9	62.0	74.7	260.4	215.9	49.0	25.4	34.8	64.5	67.3	1/2-14 NPT
45,359.4	26.9	62.0	87.4	260.4	215.9	49.0	25.4	34.8	64.5	67.3	1/2-14 NPT

SPECIFICATIONS:

Full Scale Output: 2.0 mV/V 3.0mV/V (RL75060S)
 Bridge Resistance: 700 ohms, nominal
 Material/Finish: Stainless steel
 Temperature: Compensated range
 14°F to 104°F/-18°C to 65°C
 Safe Overload: 150% Full scale
 Rated Excitation: 10V DC (25V maximum)
 Nonlinearity: 0.03% Full scale

Hysteresis: 0.02% Full scale
 Insulation Resistance: 1000 megohms
 Seal Type: Hermetically sealed, IP67
 Cable Length: 35'/10.6m
 Cable Coloring: Red + Excitation
 Black - Excitation
 Green ... + Signal
 White - Signal
 Warranty: 2 years

RL75060 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
2mV/V		
20,000 lb (9071.9 kg)	30877	\$765.00
35,000 lb (15,875.7 kg)	30876	\$915.00
50,000 lb (22,679.6 kg)	30875	\$995.00
60,000 lb (27,215.5 kg)	30874	\$995.00
75,000 lb (34,019.4 kg)	30878	\$995.00
100,000 lb (45,359.4 kg)	32950	\$1,890.00

RL75060S ORDER INFORMATION

Load Rating	Part #	Suggested List Price
3mV/V		
20,000 lb (9071.9 kg)	53481	\$765.00
25,000 lb (11,339.8 kg)	50559	\$765.00
35,000 lb (15,875.7 kg)	50560	\$915.00
50,000 lb (22,679.6 kg)	50561	\$995.00
60,000 lb (27,215.5 kg)	50562	\$995.00
75,000 lb (34,019.4 kg)	50563	\$995.00
100,000 lb (45,359.4 kg)	50564	\$1,890.00

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Sensortronics	(see page 287) 65058S (3.0mV/V)

WEIGH MODULE AVAILABLE

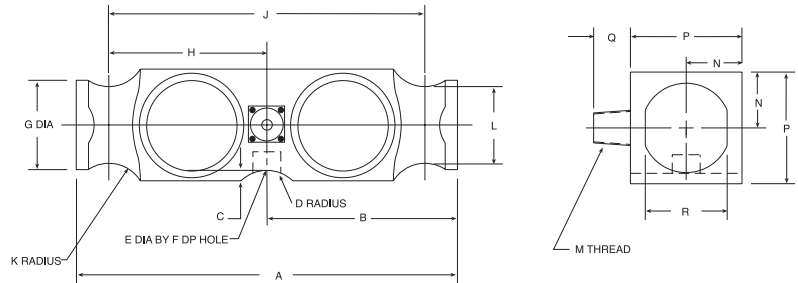
Model	Page #
2100HE	20
TSA	72

Teflon is a registered trademark of E.I. DuPont.

USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171



RL75223 Double-Ended Beam, Alloy Steel Welded Seal, IP67, NTEP 1:10,000 Class IIIL Multiple Cell



RATED CAPACITY	DIMENSIONS															
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R
lb/inches																
50,000-65,000	10.25	5.12	.28	1.00	.75	.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	.28	1.00	—	—	2.40	4.25	8.50	1.00	2.06	1/2-14 NPT	1.50	3.00	1.03	2.20
kg/millimeters																
22,679.6-29,483.5	260.4	130.1	7.1	25.4	19.1	19.8	61.0	108.0	215.9	25.4	5.2	1/2-14 NPT	38.1	76.2	26.2	55.9
45,359.2	260.4	130.1	7.1	25.4	—	—	61.0	108.0	215.9	25.4	5.2	1/2-14 NPT	38.1	76.2	26.2	55.9

SPECIFICATIONS:

Full Scale Output:	3.0 mV/V	Combined Error:	0.03% Full scale
Bridge Resistance:	700 ohms, nominal	Insulation Resistance:	5000 megohms
Material/Finish:	High-alloy steel, nickel plated	Deflection at Capacity:	50,000 lb = .018"/.5mm, 65,000 lb = .022"/.6mm, 100,000 lb = .034"/.9mm
Temperature:	Operating range -65°F to 200°F/-54°C to 93°C Compensated range 14°F to 104°F/-10°C to 40°C	Seal Type:	Welded seal strain gauge*, IP67
Safe Overload:	150% Full scale	Cable Length:	40'/12.2m
Rated Excitation:	10V AC/DC (20V maximum)	Cable Color Code:	Red + Excitation Black - Excitation Green ... + Signal White - Signal
Non-repeatability:	0.01% Full scale	Warranty:	2 years

RL75223 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
50,000 lb (22,679.6 kg)	21611	\$850.00
65,000 lb (29,483.5 kg)	21612	\$850.00
100,000 lb (45,359.2 kg)	21613	\$1,200.00

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Revere Transducers	(see page 248) 5223
Artech	80210
Thurman®	TSC 800
Celtron	(page 184) HED

WEIGH MODULE AVAILABLE

Model	Page #
Translink	80

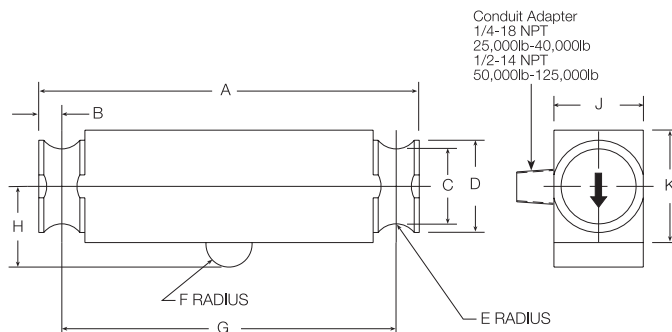
* NOTE: Conduit is recommended for maximum protection against the ingress of water and moisture through the cable entry.



RICE LAKE WEIGHING SYSTEMS

Industrial Solutions on a Global Scale®

RL75040A Double-Ended Beam, Alloy Steel NTEP 1:10,000 Class IIIL Multiple Cell, IP67



RATED CAPACITY	DIMENSIONS									
	A	B	C	D	E	F	G	H	J	K
lb/inches										
25,000-40,000	8.25	.50	1.63	2.00	.50	.50	7.25	1.75	1.94	2.44
50,000-75,000	11.50	.75	1.70	2.20	.75	1.00	10.00	2.00	1.94	2.94
100,000-125,000	14.50	1.00	2.44	3.20	1.00	1.50	12.50	2.75	2.90	3.86
kg/millimeters										
11,339.8-18,143.7	209.6	12.7	41.4	50.8	12.7	12.7	184.2	44.5	49.3	62.0
22,679.6-34,019.4	292.1	19.1	43.2	55.9	19.1	25.4	254.0	50.8	49.3	74.7
45,359.2-56,699.1	368.3	25.4	62.0	81.3	25.4	38.1	317.5	69.9	73.7	98.0

SPECIFICATIONS:

Full Scale Output:	3.0 mV/V	Insulation Resistance:	1000 megohms
Bridge Resistance:	700 ohms, nominal	Seal Type:	Environmentally protected, IP67
Material/Finish:	High-alloy steel, nickel plated	Cable Length:	35'/10.6m or 50'/15.2m—See order information, below
Temperature:	Compensated range 14°F to 104°F/-10°C to 40°C	Cable Coloring:	Red + Excitation Black - Excitation Green ... + Signal White - Signal
Safe Overload:	150% Full scale	Warranty:	2 years
Rated Excitation:	10V DC (25V maximum)		
Nonlinearity:	0.03% Full scale		
Hysteresis:	0.02% Full scale		

RL75040A ORDER INFORMATION

Load Rating	Part #	Suggested List Price
35 ft Cables:		
25,000 lb (11,339.8 kg)	21614	\$635.00
40,000 lb (18,143.7 kg)	21615	\$760.00
50,000 lb (22,679.6 kg)	21616	\$835.00
60,000 lb (27,215.5 kg)	21617	\$835.00
75,000 lb (34,019.4 kg)	21618	\$835.00
100,000 lb (45,359.2 kg)	21619	\$1,575.00
125,000 lb (56,699.1 kg)	21620	\$1,575.00
40 ft Cables:		
60,000SE* (27,215.5 kg)	53593	\$760.00
50 ft Cables:		
50,000 lb (22,679.6 kg)	21621	\$865.00
60,000 lb (27,215.5 kg)	21622	\$865.00
75,000 lb (34,020 kg)	40951	\$865.00

* Denotes smaller envelope

INTERCHANGEABLE PRODUCTS

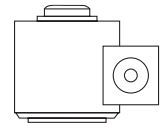
Manufacturer	Model
Sensortronics	(see page 289) 65040A
Artech	80310
Thurman®	TSC 840
Celtron	(page 185) DLB

WEIGH MODULE AVAILABLE

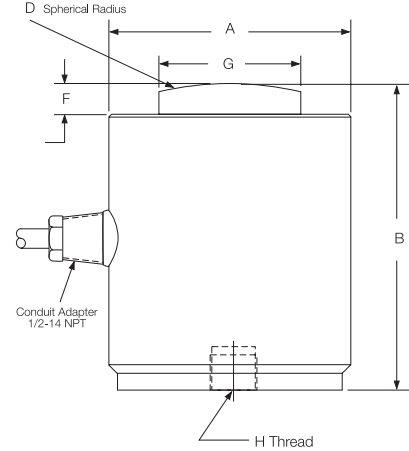
Model	Page #
Translink	78

Thurman is a registered trademark of Thurman Scale Co.

USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171



RLCSP1 Compression Canister, Stainless Steel Welded Seal, IP67, NTEP 1:10,000 Class IIIL Multiple Cell



RATED CAPACITY	A	B	D	DIMENSIONS F	G	H	DEPTH
lb/inches							
25,000-50,000	3.00	3.25	6.00	.40	1.25	1/2-20 UNF-2B	.31
100,000	4.00	5.00	6.00	.51	2.31	3/4-16 UNF-2B	.56
200,000	6.00	7.25	17.00	1.04	3.13	3/4-16 UNF-2B	.75
kg/millimeters							
11,339.8-22,679.6	76.2	82.6	152.4	10.2	31.8	1/2-20 UNF-2B	7.9
45,359.2	101.6	127.0	152.4	13.0	58.7	3/4-16 UNF-2B	14.2
90,718.5	152.4	184.2	431.8	26.4	79.5	3/4-16 UNF-2B	19.1

SPECIFICATIONS:

Full Scale Output: 2.0 mV/V
 Bridge Resistance: 480 ohms, nominal
 Material/Finish: Stainless steel
 Temperature: Operating range 14°F to 104°F/-10°C to 40°C
 Safe Overload: 150% Full scale
 Rated Excitation: 10V AC/DC (25V maximum)
 Combined Error: 0.03% Full scale
 Non-repeatability: 0.01% Full scale
 Insulation Resistance: 1000 megohms

Deflection at Capacity: 25,000-50,000 lb = .003"/.076mm
 100,000-200,000 lb = .006"/.152mm
 Seal Type: Welded seal, IP67
 Cable Length: 35'/10.7m
 Cable Color Code: Green + Excitation
 Black - Excitation
 White + Signal
 Red - Signal
 Orange ... Shield
 Warranty: 2 years

RLCSP1 ORDER INFORMATION

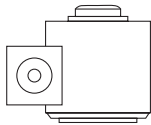
Load Rating	Part #	Suggested List Price
25,000 lb (11,339.8 kg)	32702	\$1,505.00
50,000 lb (22,679.6 kg)	32701	\$1,505.00
100,000 lb (45,359.2 kg)	32700	\$1,685.00
200,000 lb (90,718.5 kg)	32699	\$2,205.00

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Sensortronics	65088-1000
Revere Transducers	(see page 251) CSP1
Revere Transducers	692B
Howe Richardson®	244699-000X
Streeter Amet	3760XXX

WEIGH MODULE AVAILABLE

Model	Page #
MagnaMount®	82

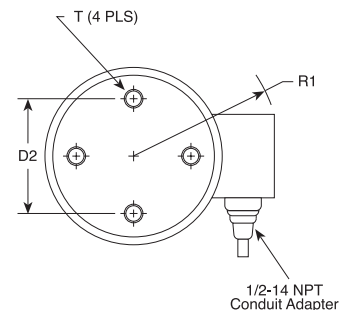
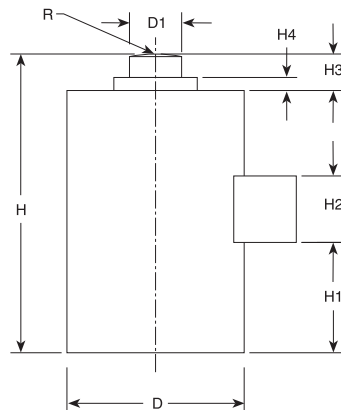


RICE LAKE WEIGHING SYSTEMS

Industrial Solutions on a Global Scale®

RL8C2P1SS Compression Canister, Stainless Steel

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



RATED CAPACITY	D	D1	D2	DIMENSIONS			R	T
lb/inches				H	H1	H2		
50,000	4.50	1.25	2.38	7.50	1.17	.75	8.00	3/8-24 UNF-2B X .63 D
100,000	5.75	1.75	4.00	9.13	2.00	.87	12.00	1/2-20 UNF-2B X .75 D
200,000	7.50	2.50	5.50	11.63	2.93	.97	12.00	5/8-18 UNF-2B X 1.00 D
kg/millimeters								
22,679.6	114.3	31.8	53.4	190.5	77.7	19.1	203.2	3/8-24 UNF-2B X .63 D
45,359.2	146.1	44.5	101.6	231.9	66.0	22.1	304.8	1/2-20 UNF-2B X .75 D
90,718.5	190.5	63.5	139.7	295.4	100.0	24.6	304.8	5/8-18 UNF-2B X 25.4 D

SPECIFICATIONS:

Full Scale Output: 2.0 mV/V
 Bridge Resistance: 350 ohms, nominal
 Material/Finish: Stainless steel
 Temperature: Operating range
 -65°F to 200°F/-54°C to 93°C
 Compensated range
 14°F to 104°F/-10°C to 40°C
 Safe Overload: 150% Full scale
 Rated Excitation: 10V AC/DC (25V maximum)
 Non-repeatability: 0.01% Full scale
 Combined Error: 0.03% Full scale

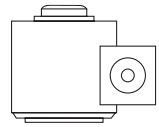
Insulation Resistance: >1000 megohms
 Deflection at Capacity: 50,000 lb = .004"/102mm,
 100,000 lb = .006"/.152mm,
 200,000 lb = .009"/.228mm
 Seal Type: Hermetically sealed, IP68
 Cable Length: 35'/10.7m
 Cable Color Code: Green + Excitation
 Black - Excitation
 White + Signal
 Red - Signal
 Orange ... Shield
 Warranty: 2 years

RL8C2P1SS ORDER INFORMATION

Load Rating	Part #	Suggested List Price
50,000 lb (22,679.6 kg)	34855	\$1,400.00
100,000 lb (45,359.2 kg)	34856	\$1,400.00
200,000 lb (90,718.5 kg)	34857	\$1,900.00

BLH is a registered trademark of BLH Electronics.

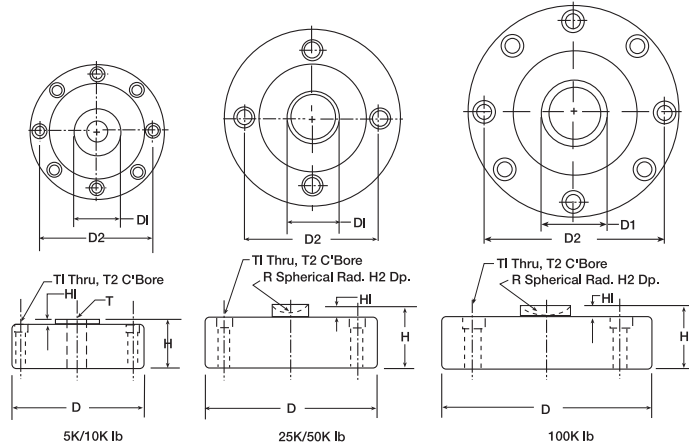
USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171



RL90000 Compression* Disk, Alloy Steel



25,000 lb model shown. Load cup sold separately on 5,000 and 10,000 lb models.



RATED CAPACITY	DIMENSIONS								
	T	R	D	D2	H	H1	H2	T1	T2
lb/inches									
5000*-10,000*	5/8-18 UNF-3B	—	4.12	3.50	1.37	.12	—	.28	.406 x .283 DP
25,000-50,000	—	.875	4.75	4.00	2.12	.50	.30	.34	.508 x .38 DP
100,000	—	.875	5.50	4.60	2.25	.25	.30	.41	.626 x .4 DP
kg/millimeters									
2268.0*-4539.9*	5/8-18 UNF-3B	—	104.6	34.8	34.8	3.05	7.6	7.2	10.3 x 7.2 DP
11,339.8-22,679.7	—	22.2	120.7	101.6	53.8	12.7	12.7	8.7	12.9 x 9.7 DP
45,359.4	—	22.2	139.7	116.8	57.2	6.4	7.6	10.3	10.3 x 10.2 DP

SPECIFICATIONS:

Full Scale Output:	4.0 mV/V	Hysteresis:	0.02% Full scale
Bridge Resistance:	350 ohms (100,000lb=700 ohms), nominal	Insulation Resistance:	2000 megohms
Material/Finish:	High-alloy steel, nickel plated	Seal Type:	Environmentally protected
Temperature:	Compensated range 14°F to 104°F/-10°C to 40°C	Cable Length:	50'/15.2m
Safe Overload:	150% Full scale	Cable Color Code:	Red + Excitation Black - Excitation Green + Signal White - Signal
Rated Excitation:	15V DC (25V maximum)	Warranty:	2 years
Nonlinearity	0.05% Full scale		

RL90000 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
5000 lb* (2268.0 kg)	33061	\$650.00
10,000 lb* (4535.9 kg)	33062	\$650.00
25,000 lb (11,339.8 kg)	33063	\$795.00
50,000 lb (22,679.7 kg)	33064	\$795.00
100,000 lb (45,359.4 kg)	33065	\$935.00
Load Cup*	33616	\$35.00

* 5000 lb and 10,000 lb models can be used in compression and tension load applications. Load cup, Part #33616, is required for compression applications.

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Celtron	LCD
Interface®	1121

Interface is a registered trademark of Interface Inc.

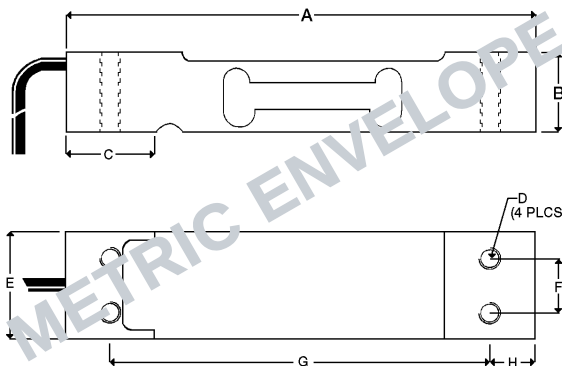
USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171

Prices & Specifications subject to change without notice



RL1521A Single Point, Aluminum

NTEP 1:5000 Class III Single Cell



RATED CAPACITY	DIMENSIONS							
	A	B	C	D	E	F	G	H
kg/millimeters								
3-7	130.0	22.0	25.0	M6 x 1.0	25.4	15.0	106.0	12.0
10-30	130.0	22.0	25.0	M6 x 1.0	30.0	15.0	106.0	12.0
35	130.0	22.0	25.0	M6 x 1.0	40.0	15.0	106.0	12.0
lb/inches								
6.6-15.4	5.12	.87	.99	M6 x 1.0	1.00	.59	4.17	.47
22.0-66.2	5.12	.87	.99	M6 x 1.0	1.18	.59	4.17	.47
77.2	5.12	.87	.99	M6 x 1.0	1.57	.59	4.17	.47

SPECIFICATIONS:

Full Scale Output: 2.0 mV/V
Bridge Resistance: 350 ohm
Material/Finish: Aluminum
Temperature: Compensated range
-10°C to 40°C/14°F to 104°F
Safe Overload: 150% Full scale
Rated Excitation: 10V AC/DC (15V maximum)
Total Error: 0.03% Full scale

Insulation Resistance: 2000 megohms
Seal Type: Environmentally protected
Cable Length: 450mm/17.8"
Cable Color Code: Green + Excitation
Black - Excitation
Blue + Sense
Brown - Sense
Red + Signal
White - Signal

Warranty: 2 year

RL1521A ORDER INFORMATION5

Load Rating	Part #	Suggested List Price
3 kg (6.6 lb)	50620	\$140.00
5kg (11 lb)	50619	\$140.00
7kg (15.4 lb)	50621	\$140.00
10 kg (22.1 lb)	50622	\$140.00
15 kg (33.1 lb)	50623	\$140.00
20 kg (44.1 lb)	50624	\$140.00
30 kg (66.1 lb)	50625	\$140.00
35kg (110.2 lb)	50626	\$140.00

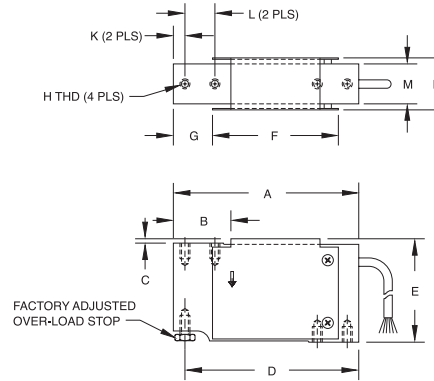
INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Celtron	(see page 186) LPS
BLH®	C2G1
Fairbanks®	4900 Series Checkweighers
NMB®	C2G1
Tedea-Huntleigh	(see page 312) 1022

Fairbanks is a registered trademark of Fairbanks Scales
NMB is a registered trademark of NMB Technologies Inc.
BLH is a registered trademark of BLH Electronics.



RL1010 Potted and Unpotted Single Point, Aluminum NTEP 1:5000 Class III Single Cell (Available)



RATED CAPACITY	DIMENSIONS											
	A	B	C	D	E	F	G	H	K	L	M	N
kg/millimeters												
3-90	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
lb/inches												
6.6-198.4	4.65	1.34	.12	4.35	2.60	3.15	.98	1/4-20 UNC X 0.50 DP	.30	.75	1.00	1.32

SPECIFICATIONS:

Full Scale Output:	2.0 mV/V	Deflection at Capacity:	3-90 kg ≤ .4mm/.015"
Bridge Resistance:	350 ohms, nominal	Seal Type:	Potted & unpotted models available
Material/Finish:	Anodized aluminum	Cable Length:	Potted 3.1m/10', unpotted 0.9m/3"
Temperature:	Compensated range 14°F to 104°F/-10°C to 40°C	Cable Color Code:	Green + Excitation Black - Excitation Blue + Sense Brown - Sense Red + Signal White - Signal
Safe Overload:	200% at center of loading point, full scale	Warranty:	2 years
Rated Excitation:	10V DC/AC (20V maximum)		
Total Error:	.02% Full scale		
Insulation Resistance:	5000 megohms		

RL1010 ORDER INFORMATION

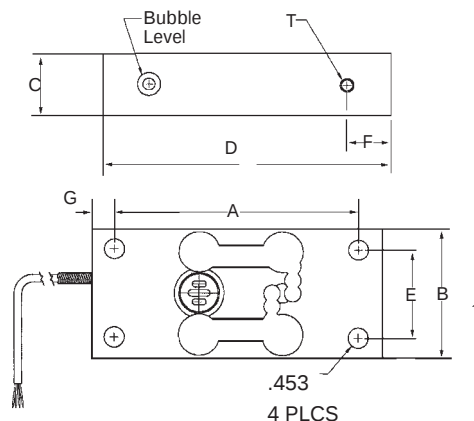
Load Rating	Part #	Suggested List Price
Potted: Non-NTEP		
7 kg (15.4 lb)	17529	\$195.00
10 kg (22.1 lb)	17530	\$195.00
15 kg (33.1 lb)	17531	\$195.00
20 kg (44.1 lb)	17532	\$195.00
30 kg (66.1 lb)	17533	\$195.00
50 kg (110.2 lb)	17534	\$195.00
90 kg (198.4 lb)	17535	\$195.00
Unpotted:		
3 kg (6.6 lb)	17527	\$180.00
5 kg (11.0 lb)	17528	\$180.00
NTEP 1:5000, Potted:		
10 kg (22.1 lb)	50819	\$195.00
15 kg (33.1 lb)	50820	\$195.00
20 kg (44.1 lb)	50821	\$195.00
30 kg (66.1 lb)	50822	\$195.00
50 kg (110.2 lb)	50823	\$195.00

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Tedea-Huntleigh	(see page 313) 1010



RL800WT Single Point, Stainless Steel, IP67



RATED CAPACITY	DIMENSIONS						
	A	B	C	D	E	F	T
lb/inches							
25-50	5.50	2.90	.735	6.50	2.00	1.00	5/16-18UNC x .50 DP
100-200	5.50	2.90	1.460	6.50	2.00	1.00	5/16-18UNC x .50 DP
kg/millimeters							
11.3-22.7	165.1	73.6	18.7	139.7	50.8	11.5	_____
45.4-90.7	165.1	73.6	37.1	139.7	50.8	11.5	_____

SPECIFICATIONS:

Full Scale Output: 1.0 mV/V
Bridge Resistance: 350 ohm
Material/Finish: Stainless Steel
Temperature: Compensated range
-40°F to 180°F/-40°C-82°C
Safe Overload: 200% Full scale
Rated Excitation: 10V DC (15V maximum)
Total Error: 0.02% Full scale

Hysteresis: 0.02% Full scale
Insulation Resistance: 5000 megohms
Seal Type: Environmentally protected, IP67
Cable Length: 10'/3.1m
Cable Color Code: Green ... + Excitation
Black - Excitation
White + Signal
Red - Signal
Orange ... Shield
Warranty: 2 years

RL800WT ORDER INFORMATION

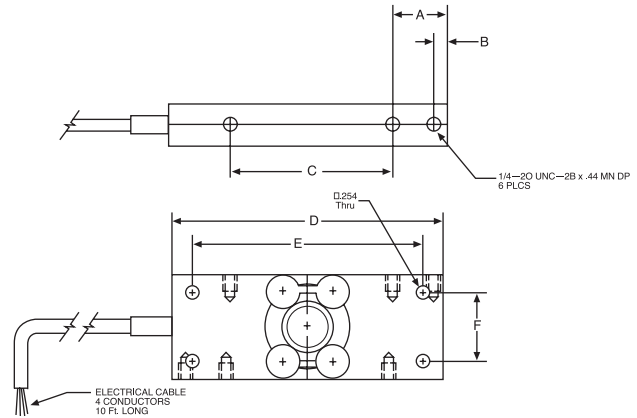
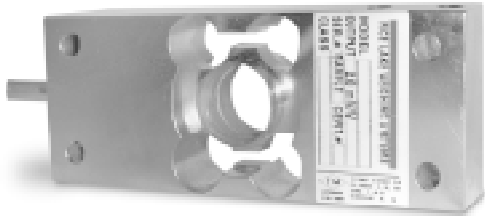
Load Rating	Part #	Suggested List Price
25 lb (11.3 kg)	53295	\$695.00
50 lb (22.7 kg)	53296	\$695.00
100 lb (45.4kg)	53297	\$695.00
200 lb (90.7 kg)	53298	\$695.00

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Weightronix	FLS



RLHPS Single Point, Stainless Steel Hermetically Sealed, IP68



RATED CAPACITY	DIMENSIONS							
	A	B	C	D	E	F	G	H
kg/millimeters								
6.0-15	25.4	6.35	76.2	127.0	108.0	31.75	4.25	50.8
lb/inches								
13.2-33.1	5.00	4.25	3.00	1.25	.73	1.00	.25	1.98

SPECIFICATIONS:

Full Scale Output: 2.0 mV/V
 Bridge Resistance: 350 ohms, nominal
 Material/Finish: Stainless Steel
 Temperature: Compensated range
 -40°F to 180°F/-40°-82°C
 Safe Overload: 150% Full scale
 Rated Excitation: 10V DC/AC (15V maximum)
 Linearity: .015% Full scale
 Hysteresis: 0.15 % Full scale

Insulation Resistance: 5000 megohms
 Deflection at Capacity: 3-90 kg ≤ .4mm/.015"
 Seal Type: Hermetically sealed, IP68
 Cable Length: 10'/3.1m
 Cable Color Code: Green ... + Excitation
 Black - Excitation
 White + Signal
 Red - Signal
 Platform Size: 14 x 14
 Warranty: 2 years

RLHPS ORDER INFORMATION

Load Rating	Part #	Suggested List Price
6 kg (13.2 lb)	53282	\$650.00
15 kg (33.1 lb)	53281	\$650.00

INTERCHANGEABLE PRODUCTS

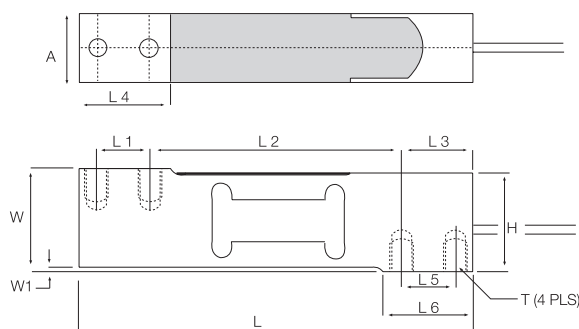
Manufacturer	Model
Revere-Transducer	(see page 263) HPS

**RICE LAKE WEIGHING SYSTEMS**

Industrial Solutions on a Global Scale®

RL1042 Single Point, Aluminum

NTEP 1:5000 Class III Single Cell



RATED CAPACITY	DIMENSIONS											
	A	H	L	L1	L2	L3	L4	L5	L6	W	W1	T
kg/millimeters												
1-30	20.0	37.9	150.0	19.0	100.0	25.0	34.0	19.0	34.0	40.0	1.0	1/4-20 UNC-2B
50-100	25.2	37.9	150.0	19.0	100.0	25.0	34.0	19.0	34.0	40.0	1.0	1/4-20 UNC-2B
lb/inches												
2.2-66.1	.787	1.496	5.91	.75	3.937	.984	1.339	.75	1.339	1.575	.040	1/4-20 UNC-2B
110.2-220.5	.992	1.496	5.91	.75	3.937	.984	1.339	.75	1.339	1.575	.040	1/4-20 UNC-2B

SPECIFICATIONS:

Full Scale Output: 2.0 mV/V
Bridge Resistance: 350 ohms, nominal
Material/Finish: Aluminum
Temperature: Compensated temperature range
14°F to 104°F/-10°C to 40°C
Manufacturer
Model Number: 1042-XXXX-001
Safe Overload: 150% Full scale
Rated Excitation: 10V DC (15V maximum)
Total Error: 0.02% Full scale

Deflection at Capacity: 1-100 kg ≤ .4mm/.015"
Insulation Resistance: 5000 megohms
Seal Type: Environmentally protected
Cable Length: 3.1m/10'
Cable Color Code:
Green ... + Excitation
Black - Excitation
Blue + Sense
Brown ... - Sense
Red + Signal
White - Signal
Warranty: 2 years

RL1042 ORDER INFORMATION

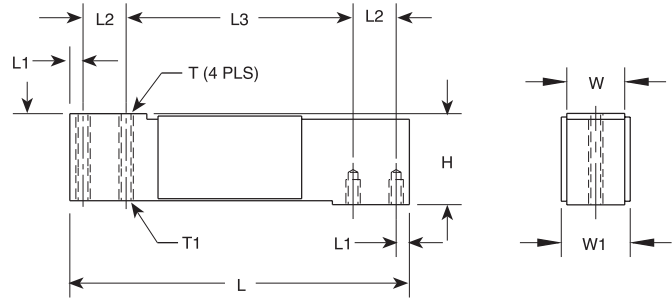
Load Rating	Part #	Suggested List Price
1 kg (2.2 lb)	40955	\$180.00
3 kg (6.6 lb)	40956	\$180.00
5 kg (11.0 lb)	40957	\$180.00
10 kg (22.0 lb)	40958	\$180.00
15 kg (33.1 lb)	40959	\$180.00
20 kg (44.1 lb)	40960	\$180.00
30 kg (66.1 lb)	40961	\$180.00
50 kg (110.2 lb)	40962	\$180.00
75 kg (165.4 lb)	40963	\$180.00
100 kg (220.5 lb)	40964	\$180.00

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Tedea-Huntleigh	(see page 315) 1042
Revere	(see page 260) 642
HBM	(see page 224) SP4



RL1040 Potted and Unpotted Single Point, Aluminum NTEP 1:5000 Class III Single Cell, IP65



RATED CAPACITY	H	L	L1	L2	L3	DIMENSIONS T	T1	W	W1
kg/millimeters									
3-100	40.0	150.0	5.95	19.05	100.0	1/4-20 UNC X 10 DP	1/4-28 UNF X 10 DP	25.4	29.4
lb/inches									
6.6-220.5	1.57	5.91	.23	.75	3.94	1/4-20 UNC X 0.39 DP	1/4-28 UNF X 0.39 DP	1.00	1.16

SPECIFICATIONS:

Full Scale Output:	2.0 mV/V	Deflection at Capacity:	3-100 kg ≤ .4mm/.015"
Bridge Resistance:	350 ohms, nominal	Seal Type:	Environmentally protected, potted & unpotted models, IP65
Material/Finish:	Anodized aluminum	Cable Length:	3.1m/10'
Temperature:	Compensated range 14°F to 104°F/-10°C to 40°C	Cable Color Code:	Green ... + Excitation Black - Excitation Blue + Sense Brown ... - Sense Red + Signal White - Signal
Safe Overload:	200% at center loading point, full scale	Warranty:	2 years
Rated Excitation:	10V DC/AC (15V maximum)		
Total Error:	.02% Full scale		
Insulation Resistance:	5000 megohms		

RL1040 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
NTEP 1:5000, Potted:		
7 kg (15.4 lb)	32860	\$195.00
10 kg (22.1 lb)	32861	\$195.00
15 kg (33.1 lb)	32862	\$195.00
20 kg (44.1 lb)	32863	\$195.00
30 kg (66.1 lb)	32864	\$195.00
50 kg (110.2 lb)	32865	\$195.00
100 kg (220.5 lb)	32866	\$195.00
NTEP 1:5000, Unpotted:		
5 kg (11.0 lb)	32859	\$190.00

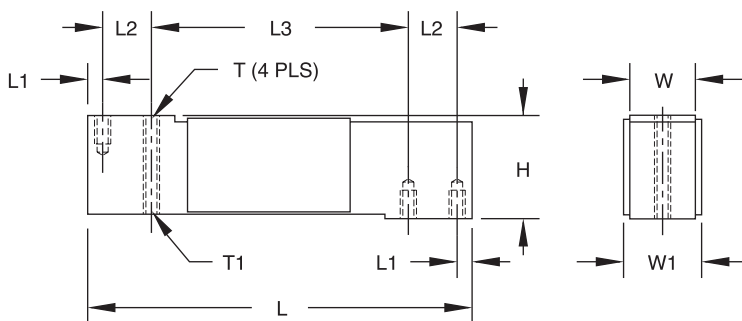
INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Celtron	(see page 187) LOC
Revere Transducers	(see page 260) 642
Tedea-Huntleigh	(see page 316) 1040
HBM	(see page 224) SP4

**RICE LAKE WEIGHING SYSTEMS**

Industrial Solutions on a Global Scale®

RL1140 Potted Single Point, Stainless Steel, IP65



RATED CAPACITY	DIMENSIONS								
	H	L	L1	L2	L3	T	T1	W	W1
kg/millimeters									
15-150	40.0	150.0	5.95	19.05	100.0	1/4-20 UNC X 10 DP	1/4-28 UNF X 10 DP	25.4	29.4
lb/inches									
33.1-330.7	1.57	5.91	.23	.75	3.94	1/4-20 UNC X 0.39 DP	1/4-28 UNF X 0.39 DP	1.00	1.16

SPECIFICATIONS:

Full Scale Output:	2.0 mV/V	Deflection at Capacity:	15-150 kg ≤ .4mm/.015"
Bridge Resistance:	350 ohms, nominal	Seal Type:	Environmentally protected, potted, IP65
Material/Finish:	Stainless steel	Cable Length:	3.1m/10'
Temperature:	Compensated range 14°F to 104°F/-10°C to 40°C	Cable Color Code:	Green + Excitation Black - Excitation Blue + Sense Brown - Sense Red + Signal White - Signal
Safe Overload:	200% at center loading point, full scale	Warranty:	2 years
Rated Excitation:	10V DC/AC (15V maximum)		
Total Error:	.02% Full scale		
Insulation Resistance:	5000 megohms		

RL1140 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
15 kg (33.1 lb)	17544	\$320.00
30 kg (66.1 lb)	17545	\$320.00
50 kg (110.2 lb)	17546	\$320.00
75 kg (165.4 lb)	17547	\$320.00
100 kg (220.5 lb)	17548	\$320.00
150 kg (330.7 lb)	36467	\$320.00

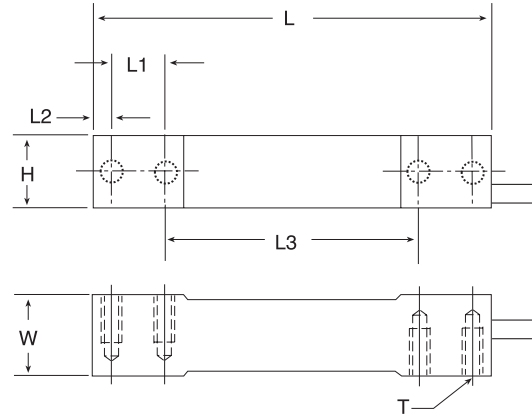
INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Tedea-Huntleigh	(see page 317) 1140
Flintec	(see page 206) PC1



RL1380 Single Point, Stainless Steel

NTEP 1:3000 Class III Single Cell, IP65



RATED CAPACITY	H	L	L1	DIMENSIONS L2	L3	T	W
kg/millimeters							
7-15	19.1	139.7	19.1	6.4	88.9	1/4-20 X 19.1 DP	30.2
30-60	23.9	139.7	19.1	6.4	88.9	1/4-20 X 19.1 DP	30.2
lb/inches							
15.4-33.1	.75	5.50	.75	.25	3.50	1/4-20 X .75 DP	1.19
66.1-132.3	.94	5.50	.75	.25	3.50	1/4-20 X .75 DP	1.19

SPECIFICATIONS

Full Scale Output:	2.0 mV/V
Bridge Resistance:	350 ohms
Material/Finish:	Stainless steel
Temperature:	Compensated range 14°F to 104°F/-10°C to 40°C
Safe Overload:	150% Full scale
Rated Excitation:	10V AC/DC (15V maximum)
Combined Error:	0.03% Full scale

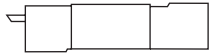
Insulation Resistance:	1000 megohms
Seal Type:	Environmentally protected, IP65
Cable Length:	10'/3.1m
Cable Color Code:	Green + Excitation Black - Excitation White + Signal Red - Signal Yellow Shield
Warranty:	2 years

RL1380 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
7 kg (15.4 lb)	30783	\$295.00
10 kg (22.0 lb)	30782	\$295.00
15 kg (33.1 lb)	30781	\$295.00
30 kg (66.1 lb)	30780	\$295.00
60 kg (132.3 lb)	30779	\$295.00

INTERCHANGEABLE PRODUCTS

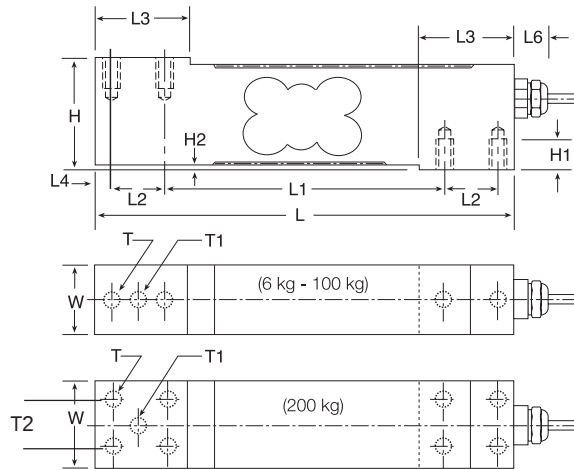
Manufacturer	Model
HBM	(see page 225) PWS



RICE LAKE WEIGHING SYSTEMS

Industrial Solutions on a Global Scale®

RL1385 Single-Point, Stainless Steel NTEP 1:3000 Class III Single Cell, IP65



RATED CAPACITY	DIMENSIONS													
	H	H1	H2	L	L1	L2	L3	L4	L5	L6	W	T	T2	T1
kg/millimeters														
6-100	40.0	10.0	1.5	150.0	100.0	19.0	32.0	6.0	15.5	20.0	25.4	1/4-20 X 19.1 DP	N/A	47.8
200	40.0	10.0	1.5	150.0	100.0	19.0	32.0	6.0	15.5	20.0	38.1	1/4-20 X 19.1 DP	25.4	47.8
lb/inches														
13.2-220.5	1.57	.40	.06	5.90	3.93	.75	1.26	.24	.61	.79	1.00	1/4-20 X .75 DP	N/A	1.19
441.0	1.57	.40	.06	5.90	3.93	.75	1.26	.24	.61	.79	1.50	1/4-20 X .75 DP	1.00	1.19

SPECIFICATIONS:

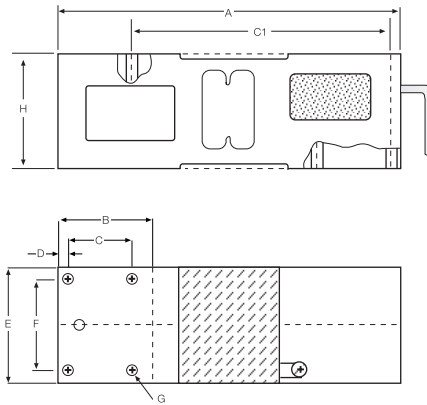
Full Scale Output:	2.0 mV/V	Insulation Resistance:	5000 megohms
Bridge Resistance:	350 ohms, nominal	Seal Type:	Environmentally protected, IP65
Material/Finish:	Stainless steel	Cable Length:	10'/3.1m
Temperature:	Compensated range 14°F to 104°F/-10°C to 40°C	Cable Color Code:	Green ... + Excitation Black - Excitation White + Signal Red - Signal Yellow Shield
Safe Overload:	200% Full scale	Warranty:	2 years
Rated Excitation:	5V AC/DC (15V maximum)		
Combined Error:	0.02% Full scale		

RL1385 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
6 kg (13.2 lb)	41232	\$295.00
10 kg (22.0 lb)	41405	\$295.00
15 kg (33.1 lb)	41233	\$295.00
30 kg (66.1 lb)	41234	\$295.00
50 kg (110.2 lb)	41235	\$295.00
75 kg (165.4 lb)	41236	\$295.00
100 kg (220.5 lb)	41237	\$295.00
200 kg (441.0 lb)	41406	\$440.00



RL1260 Single Point, Aluminum NTEP 1:5000 Class III Single Cell, IP65



RATED CAPACITY	DIMENSIONS								
	A	B	C	C1	D	E	F	G	H
kg/millimeters									
50-635	188	52	35	14.2	5.5	63.3	50	5/16-18 UNC-2B	62.3
lb/inches									
110.2-1400.2	7.40	2.05	1.38	5.59	.22	2.49	1.97	5/16-18 UNC-2B	2.45

SPECIFICATIONS:

Full Scale Output:	2.0 mV/V
Bridge Resistance:	350 ohms, nominal
Material/Finish:	Anodized aluminum
Temperature:	Compensated temperature range 14°F to 122°F/-10°C to 50°C
Safe Overload:	200% of full scale at center loading point
Rated Excitation:	10V DC (20V maximum)
Total Error:	0.02% Full scale
Insulation Resistance:	5000 megohms

Seal Type:	Environmentally protected, IP65
Cable Length:	10'/3.1m
Cable Color Code:	Green ... + Excitation Black - Excitation Blue + Sense Brown - Sense Red + Signal White - Signal
Warranty:	2 years

RL1260 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
50 kg (110.2 lb)	41020	\$310.00
75 kg (165.4 lb)	41021	\$310.00
100 kg (220.5 lb)	41022	\$310.00
200 kg (440.9 lb)	41023	\$310.00
250 kg (551.2 lb)	41024	\$310.00
300 kg (661.4 lb)	41025	\$310.00
500 kg (1102.3 lb)	41026	\$310.00
635 kg (1400 lb)	41027	\$310.00

INTERCHANGEABLE PRODUCTS

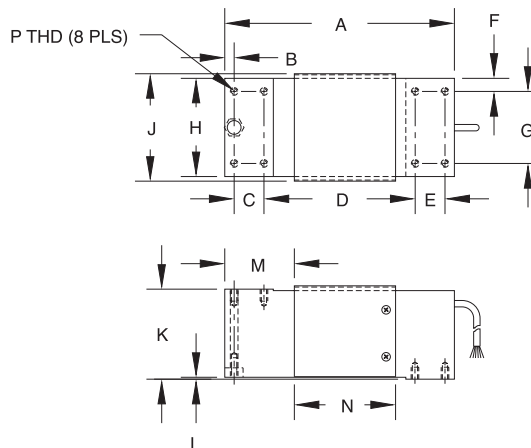
Manufacturer	Model
Tedea-Huntleigh	(see page 321) 1260



RICE LAKE WEIGHING SYSTEMS

Industrial Solutions on a Global Scale®

RL1250 Potted Single Point, Aluminum NTEP 1:5000 Class III Single Cell



RATED CAPACITY	DIMENSIONS													
	A	B	C	D	E	F	G	H	J	K	L	M	N	P
kg/millimeters														
50-635	191.0	7.8	25.0	125.0	25.0	7.5	60.0	75.0	82.0	75.0	1.5	57.5	85.0	5/16-18UNC X 15 DP
1000	191.0	7.8	25.0	125.0	25.0	7.5	60.0	75.0	82.0	75.0	1.5	57.5	85.0	3/8-16UNC X 15 DP
lb/inches														
110.2-1400.2	7.52	.31	.98	4.92	.98	.30	2.36	2.95	3.23	2.95	.06	2.26	3.35	5/16-18UNC X 0.59 DP
2204.6	7.52	.31	.98	4.92	.98	.30	2.36	2.95	3.23	2.95	.06	2.26	3.35	3/8-16UNC X 0.59 DP

SPECIFICATIONS:

Full Scale Output: 2.0 mV/V
Bridge Resistance: 350 ohms, nominal
Material/Finish: Anodized aluminum
Temperature: Compensated range
14°F to 104°F/-10°C to 40°C
Safe Overload: 200% of full scale at center loading point
Rated Excitation: 10V AC/DC (20V maximum)
Total Error: .02% Full scale
Insulation Resistance: 5000 megohms

Deflection at Capacity: 50-1000 kg ≤ .4mm/.015"
Seal Type: Environmentally protected, potted
Cable Length: 3.1m/10'
Cable Color Code: Green ... + Excitation
Black - Excitation
Blue + Sense
Brown ... - Sense
Red + Signal
White - Signal
Warranty: 2 years

RL1250 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
NTEP 1:5000:		
50 kg (110.2 lb)	32849	\$315.00
75 kg (165.4 lb)	32856	\$315.00
100 kg (220.5 lb)	32855	\$315.00
150 kg (330.7 lb)	32854	\$315.00
200 kg (440.9 lb)	32853	\$315.00
250 kg (551.2 lb)	32852	\$315.00
300 kg (661.4 lb)	32851	\$315.00
500 kg (1102.3 lb)	32850	\$315.00
635 kg (1400 lb)	32857	\$315.00
1000 kg (2205 lb)	32858	\$315.00

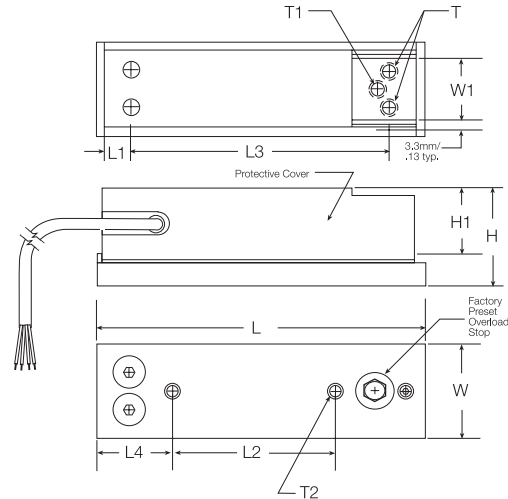
INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Revere Transducers	(see page 261) 652
Tedea-Huntleigh	(see page 322) 1250
Celtron	(see page 188) LOC
Flintec	(see page 205) PCB*

* Stainless steel, hermetically sealed



RLMK21 Single Point, Stainless Steel



RATED CAPACITY	DIMENSIONS											
	H	H1	L	L1	L2	L3	L4	T	T1	T2	W	W1
kg/millimeters												
4.5-50	38.1	25.4	133.4	11.2	66.8	104.9	30.5	1/4-20 UNF 2B Thd. x 12.7 Min. DP	1/4-28 UNF 2B Thru 6.7 DIA. x 10.2 DP	1/4-28 UNF Thd.	38.1	25.4
lb/inches												
9.9-110.3	1.50	1.00	5.25	.44	2.63	4.13	1.20	1/4-20 UNF 2B Thd. x .50 Min. DP	1/4-28 UNF 2B Thru .265 DIA x .4 DP	1/4-28 UNF Thd.	1.50	1.00

SPECIFICATIONS

Full Scale Output:	2.0 mV/V
Bridge Resistance:	350 ohms
Material/Finish:	Stainless steel
Temperature:	Compensated range 0°F to 150°F/-18°C to 65°C
Safe Overload:	500% Full scale
Rated Excitation:	0-15 VDC
Total Error:	0.03% Full scale

Insulation Resistance:	>2000 megohms
Seal Type:	Environmentally protected
Cable Length:	3.1m/10'
Cable Color Code:	Red + Excitation Black - Excitation Green ... + Signal White - Signal Orange ... Shield
Warranty:	2 years

RLMK21 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
4.5 kg (9.9 lb)	33296	\$435.00
7.5 kg (16.5 lb)	33297	\$435.00
18 kg (39.7 lb)	33298	\$435.00
35 kg (77.2 lb)	33299	\$435.00
50 kg (110.3 lb)	47951	\$435.00

INTERCHANGEABLE PRODUCTS

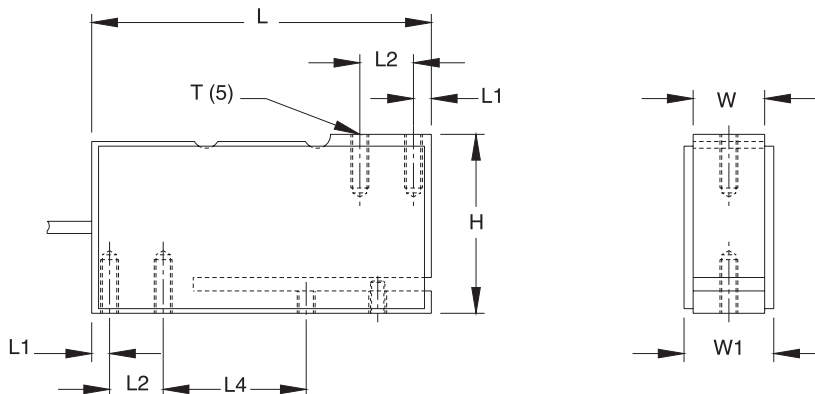
Manufacturer	Model
NCI/Weigh-Tronix®	3270 Series Checkweigher



RICE LAKE WEIGHING SYSTEMS

Industrial Solutions on a Global Scale®

RLMK4 Single Point, Alloy Steel/Stainless Steel



RATED CAPACITY	H	L	L1	L2	L4	T	W	W1
lb/inches								
10-100	2.50	4.75	.25	.75	2.00	1/4-20 X 0.50 DP	1.00	1.26
kg/millimeters								
4.5-45.3	63.5	120.7	6.4	19.1	0.08	1/4-20 X 12.7 DP	25.4	31.9

SPECIFICATIONS:

Full Scale Output:	2.0 mV/V	Insulation Resistance:	1000 megohms
Bridge Resistance:	350 ohms, nominal	Cable Length:	10'/3.1m
Material/Finish:	Alloy steel or Stainless steel	Cable Color Code:	Red + Excitation Black - Excitation White + Signal* Green - Signal* Orange ... Shield
Temperature:	Compensated range 0°F to 150°F/-18°C to 65°C	Warranty:	2 years
Safe Overload:	500% Full scale		*Cell is wired for negative reading
Rated Excitation:	0-15 VDC		
Total Error:	.03% Full scale		
Seal Type:	Environmentally protected		

RLMK4 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
Alloy steel:		
10 lb (4.5 kg)	17576	\$395.00
15 lb (6.8 kg)	17577	\$395.00
25 lb (11.3 kg)	17578	\$395.00
30 lb (13.6 kg)	17579	\$395.00
50 lb (22.7 kg)	17580	\$395.00
100 lb (45.3 kg)	17581	\$395.00
Stainless steel:		
10 lb (4.5 kg)	25375	\$445.00
15 lb (6.8 kg)	25376	\$445.00
25 lb (11.3 kg)	25377	\$445.00
30 lb (13.6 kg)	25378	\$445.00
50 lb (22.7 kg)	25379	\$445.00
100 lb (45.3 kg)	25380	\$445.00

INTERCHANGEABLE PRODUCTS

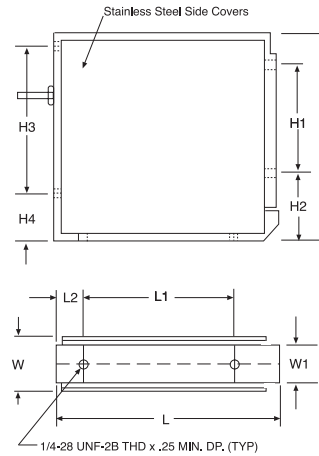
Manufacturer	Model
NCI/Weigh-Tronix®	Mark IV

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USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171



RLMK1 Single Point, Alloy Steel



RATED CAPACITY

lb/inches
50-3000

kg/millimeters
22.7-1360.8

DIMENSIONS

	H	H1	H2	H3	H4	L	L1	L2	W	W1
lb/inches	5.3	2.75	1.72	3.74	1.22	5.9	4.00	.70	1.29	.89
kg/millimeters	134.6	69.9	43.7	95.0	31.0	149.9	101.6	17.8	32.8	22.6

SPECIFICATIONS:

Full Scale Output: 2.0 mV/ V
 Bridge Resistance: 350 ohms, nominal
 Material/Finish: High-alloy steel, nickel plated
 Temperature: Compensated range
 0°F to 150°F/-18°C to 65°C
 Safe Overload: 200% Full scale
 Rated Excitation: 10V AC/DC (15V maximum)
 Nonlinearity: 0.02% Full scale
 Hysteresis: 0.02% Full scale
 Insulation Resistance: 1000 megohms

Seal Type: Environmentally protected
 Cable Length: 25'/7.6m
 Cable Color Code: Red + Excitation
 Black - Excitation
 White + Signal
 Green - Signal
 Yellow .. + Sense
 Blue - Sense
 Orange ... Shield
 Warranty: 2 years

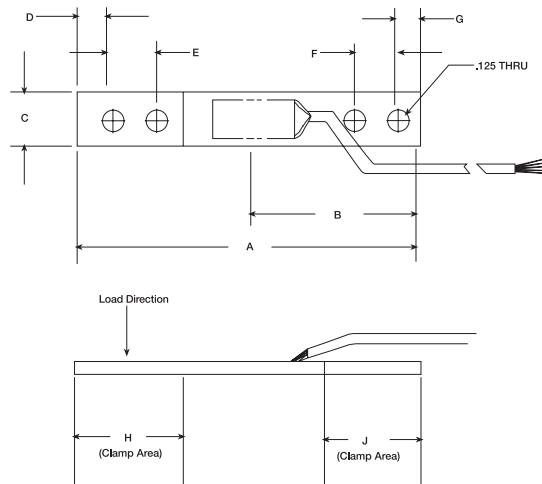
RLMK1 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
50 lb (22.7 kg)	26226	\$860.00
100 lb (45.3 kg)	26227	\$860.00
200 lb (90.7 kg)	26228	\$860.00
500 lb (226.8 kg)	26229	\$860.00
1000 lb (453.6 kg)	26230	\$860.00
2000 lb (907.2 kg)	26231	\$860.00
3000 lb (1360.8 kg)	26232	\$860.00

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
NCI/Weigh-Tronix®	Mark I

RLS1101 Planar Beam Sensor, Stainless Steel



RATED CAPACITY	DIMENSIONS								
	A	B	C	D	E	F	G	H	J
lb/inches									
1-40	2.35	1.13	.375	.20	.35	.30	.15	.75	.65
kg/millimeters									
0.5-18.1	59.6	28.7	9.5	5.0	8.8	7.6	3.8	19.0	16.5

SPECIFICATIONS:

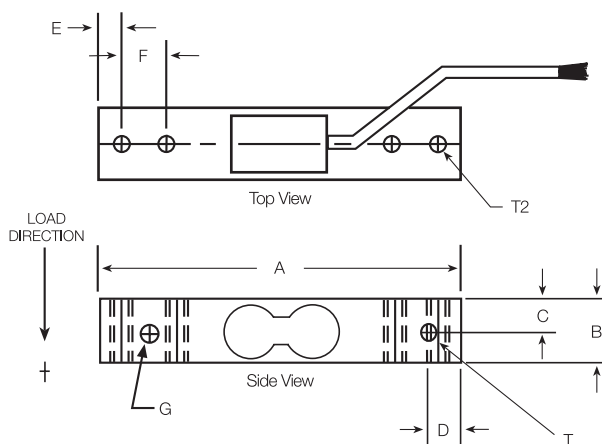
Full Scale Output:	1.5 mV/V nominal	Hysteresis:	0.03% Full scale
Bridge Resistance:	1000 ohms, nominal	Seal Type:	Environmentally protected
Material/Finish:	Stainless steel	Cable Length:	18"/.45m
Temperature:	Compensated range 0°F to 150°F/18°C to 65°C	Cable Color Code:	Red + Excitation Black - Excitation Green ... + Signal White - Signal
Safe Overload:	150% Full scale	Warranty:	1 year
Rated Excitation:	10V DC		
Nonlinearity:	0.02% Full scale		

RLS1101 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
1 lb (0.5 kg)	47944	\$70.00
2 lb (0.9 kg)	42290	\$70.00
5 lb (2.3 kg)	42291	\$70.00
10 lb (4.5 kg)	42292	\$70.00
20 lb (9.0 kg)	42293	\$70.00
40 lb (18.1 kg)	42294	\$70.00



RLS3020 Mini Beam Sensor, Aluminum



RATED CAPACITY	DIMENSIONS									
	A	B	C	D	E	F	G	T	T2	
lb/inches										
1-50	3.14	.550	.275	.30	.20	.40	.19	10-32UNF THRU	8-32UNF-2 THRU	
kg/millimeters										
0.5-22.7	79.7	13.9	6.9	7.6	5.0	10.1	4.8	10-32UNF THRU	8-32UNF-2 THRU	

SPECIFICATIONS:

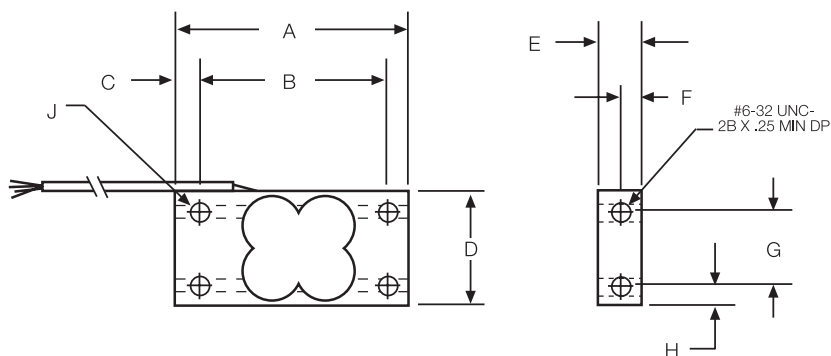
Full Scale Output: 1.5 mV/V nominal
 Bridge Resistance: 1000 ohms, nominal
 Material/Finish: Aluminum, black anodized
 Temperature: Compensated range
 0°F to 150°F/-18°C to 65°C
 Safe Overload: 150% Full scale
 Rated Excitation: 10V DC
 Nonlinearity: 0.02% Full scale
 Hysteresis: 0.03% Full scale

Insulation Resistance: 2000 megohms
 Seal Type: Environmentally protected
 Cable Length: 18"/.45m
 Cable Color Code: Red + Excitation
 Black - Excitation
 Green ... + Signal
 White - Signal
 Warranty: 1 year

RLS3020 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
2 lb (0.9 kg)	42527	\$120.00
5 lb (2.3 kg)	42528	\$120.00
10 lb (4.5 kg)	42529	\$120.00
15 lb (6.8 kg)	47947	\$120.00
25 lb (11.3 kg)	42530	\$120.00
50 lb (22.7 kg)	47948	\$120.00

RLS2732 Force Load Sensor, Aluminum



RATED CAPACITY	DIMENSIONS								
	A	B	C	D	E	F	G	H	J
lb/inches									
1-10	2.0	1.625	.188	.970	.375	.188	.625	.173	.113
kg/millimeters									
0.5-4.5	50.8	41.2	4.7	24.6	9.5	4.7	15.8	4.3	2.8

SPECIFICATIONS:

Full Scale Output:	1.5 mV/V nominal	Nonlinearity:	0.02% Full scale
Bridge Resistance:	1000 ohms, nominal	Hysteresis:	0.03% Full scale
Material/Finish:	Anodized aluminum	Seal Type:	Environmentally protected
Temperature:	Compensated range 0°F to 150°F/18°C to 65°C	Cable Length:	18"/.45m
Safe Overload:	150% Full scale	Cable Color Code:	Red + Excitation Black - Excitation Green ... + Signal White - Signal
Rated Excitation:	1-10V DC	Warranty:	1 year

RLS2732 ORDER INFORMATION

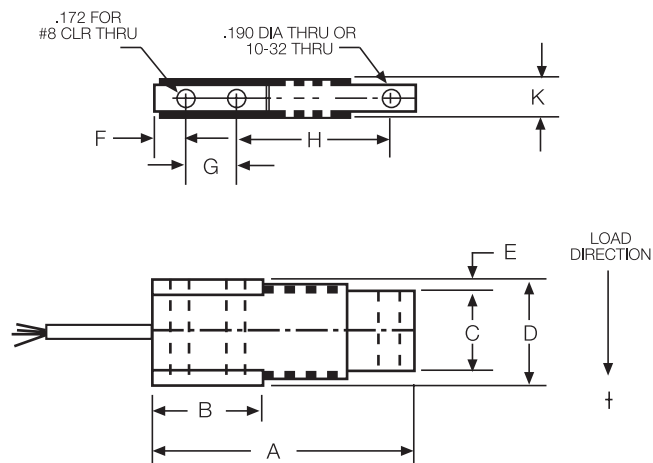
Load Rating	Part #	Suggested List Price
1 lb (0.5 kg)	42531	\$120.00
5 lb (2.2 kg)	42532	\$120.00
10 lb (4.5 kg)	42533	\$120.00

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Revere Transducers	FT50



RLS3010 Load Sensor, Aluminum/Stainless Steel



RATED CAPACITY	DIMENSIONS									
	A	B	C	D	E	F	G	H	K (SST)	K (ALUM)
lb/inches 2-250	2.38	1.0	.75	1.0	.13	.25	.50	1.312	.63	.50
kg/millimeters 0.9-113.4	60.7	25.4	19.0	25.4	3.3	6.3	12.7	33.3	16.0	12.7

SPECIFICATIONS:

Full Scale Output: 2.0 mV/V nominal, 5# + 10#
3.0 mV/V, 25# - 250#

Bridge Resistance: R in 350 ohms, nominal
R out 400 ohms, nominal

Material/Finish: 2 - 10 lb – Aluminum
25 - 250 lb – Stainless steel

Temperature: Compensated range
0°F to 150°F/18°C to 65°C

Safe Overload: 150% Full scale

Rated Excitation: 10V DC

Nonlinearity: 0.03% Full scale

Hysteresis: 0.03% Full scale

Seal Type: Environmentally protected

Cable Length: 3'/1m

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

Warranty: 1 year

RLS3010 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
2 lb (0.9 kg)	42156	\$325.00
5 lb (2.3 kg)	42157	\$325.00
10 lb (4.5 kg)	42158	\$325.00
25 lb (11.3 kg)	42159	\$325.00
50 lb (22.6 kg)	42160	\$325.00
100 lb (45.3 kg)	42161	\$325.00
150 lb (68.0 kg)	42162	\$325.00
250 lb (113.4 kg)	42163	\$325.00

INTERCHANGEABLE PRODUCTS

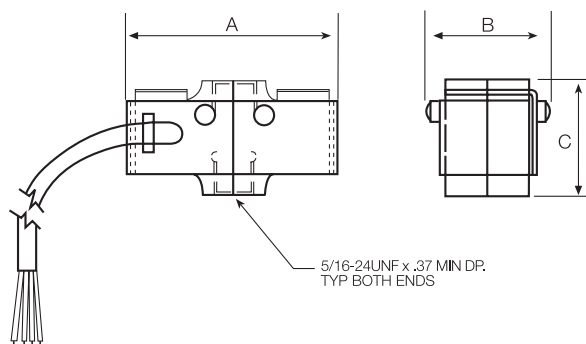
Manufacturer	Model
Interface®	MB
Sensortronics	(see page 279) 65007
Celtron	(see page 180) MBB

Interface is a registered trademark of Interface, Inc.

USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171

Prices & Specifications subject to change without notice

RLS3030 Low-Profile Load Sensor, Aluminum Tension and Compression



RATED CAPACITY	A	DIMENSIONS B	C
lb/inches			
2-300	1.86	1.05	1.0
kg/millimeters			
0.9-136.0	47.2	26.6	25.4

SPECIFICATIONS:

Full Scale Output:	2.0 mV/V nominal	Hysteresis:	0.02% Full scale
Bridge Resistance:	350 ohms, nominal	Seal Type:	Environmentally protected
Material/Finish:	Black anodized aluminum	Cable Length:	18"/.45m
Temperature:	Compensated range 0°F to 150°F/-18°C to 65°C	Cable Color Code:	Red + Excitation Black - Excitation Green ... + Signal White - Signal
Safe Overload:	150% Full scale	Warranty:	1 year
Rated Excitation:	1-10V DC		
Nonlinearity:	0.02% Full scale		

RLS3030 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
10 lb (4.5 kg)	42546	\$335.00
25 lb (11.3 kg)	42547	\$335.00
50 lb (22.6 kg)	42548	\$335.00
100 lb (45.3 kg)	42549	\$335.00
150 lb (68.0 kg)	42550	\$335.00
200 lb (90.7 kg)	42551	\$335.00
250 lb (113.4 kg)	42552	\$335.00
300 lb (136.0 kg)	42553	\$335.00



RLS1000 Button Sensor, Stainless Steel

RLS1005 High-Capacity Button Sensor, Stainless Steel



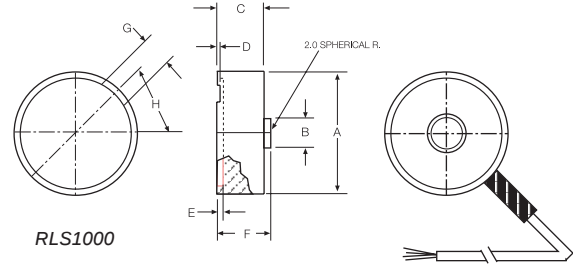
RLS1000



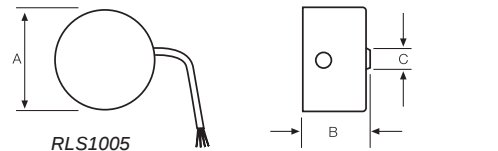
RLS1005



(RLS1000 only)



RLS1000



RLS1005

RATED CAPACITY	A	B	C	DIMENSIONS	E	F	G	H
				D				
RLS1000								
lb/inches								
500-5000	1.25	.30	.485	.032	.062	.562	.312	45%
kg/millimeters								
226.8-2268.0	31.7	7.6	12.3	.812	1.5	14.2	7.9	45%
RLS1005								
lb/inches								
1000-8000	.875	.55	.165	-	-	-	-	-
kg/millimeters								
453.6-3628.8	22.2	13.9	4.1	-	-	-	-	-

RLS1000 SPECIFICATIONS:

Full Scale Output:	3.0 mV/V nominal
Bridge Resistance:	350 ohms, nominal
Material/Finish:	Stainless steel
Temperature:	Compensated range 0°F to 150°F/-18°C to 65°C
Safe Overload:	150% Full scale
Rated Excitation:	15V DC
Nonlinearity:	0.02% Full scale
Hysteresis:	0.03% Full scale
Seal Type:	Environmentally protected
Cable Length:	20'/6.1m
Cable Color Code:	Red + Excitation Black - Excitation Green ... + Signal White - Signal
Warranty:	1 year

RLS1005 SPECIFICATIONS:

Full Scale Output:	1.5 mV/V nominal
Bridge Resistance:	350 ohms, nominal
Material/Finish:	Stainless steel
Temperature:	Compensated range 0°F to 150°F/-18°C to 65°C
Safe Overload:	150% Full scale
Rated Excitation:	10V DC
Nonlinearity:	0.8% Full scale
Hysteresis:	0.8% Full scale
Seal Type:	Environmentally protected
Cable Length:	18"/.45m
Cable Color Code:	Red + Excitation Black - Excitation Green ... + Signal White - Signal
Warranty:	1 year

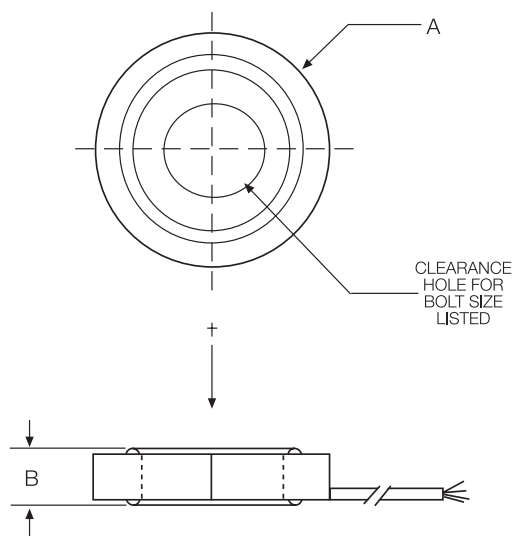
RLS1000 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
500 lb (226.8 kg)	42150	\$350.00
1000 lb (453.6 kg)	42151	\$350.00
2000 lb (907.2 kg)	42152	\$350.00
3000 lb (1360.8 kg)	42153	\$350.00
4000 lb (1814.4 kg)	42154	\$350.00
5000 lb (2268.0 kg)	42155	\$350.00

RLS1005 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
1000 lb (453.6 kg)	42534	\$425.00
2500 lb (1134.0 kg)	42535	\$425.00
5000 lb (2268.0 kg)	42536	\$425.00
8000 lb (3628.8 kg)	42537	\$425.00

RLS7000 Washer Force Sensor, Stainless Steel



DIMENSIONS	#10	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1.0
Outer Diameter (A)	1.077	1.077	1.077	1.077	1.598	1.598	1.598	1.598	2.413	2.413	2.413
Overall Height (B)	.42	.42	.42	.42	.50	.50	.50	.50	.50	.50	.50
Operating Load (lb)	3400	6500	8500	10,200	16,200	21,000	26,000	32,000	43,000	62,000	81,000
Maximum Load (lb)	5000	9500	12,300	15,000	24,000	31,000	38,500	47,500	64,000	92,000	120,000

SPECIFICATIONS:

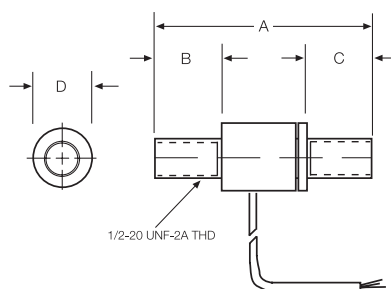
Full Scale Output:	1.5 mV/V nominal	Hysteresis:	.03% Full scale
Bridge Resistance:	1000 ohms	Seal Type:	Environmentally protected
Material/Finish:	Stainless steel	Cable Length:	18"/.45m
Temperature:	Compensated range 0°F to 150°F/-18°C to 65°C	Cable Color Code:	Red + Excitation Black - Excitation Green ... + Signal White - Signal
Safe Overload:	150% Full scale	Warranty:	1 year
Rated Excitation:	10V DC		
Nonlinearity:	.5% Full scale		

RLS7000 ORDER INFORMATION

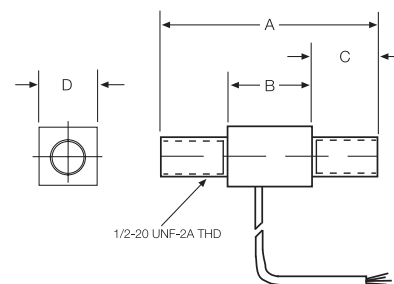
Bolt Size	Part #	Suggested List Price
#10	42295	\$450.00
1/4	42296	\$450.00
5/16	42297	\$450.00
3/8	42298	\$450.00
7/16	42299	\$450.00
1/2	42300	\$450.00
9/16	42301	\$450.00
5/8	42302	\$450.00
3/4	42303	\$450.00
7/8	42304	\$450.00
1.0	42305	\$450.00



RLS2101 Tension Link, Stainless Steel



250-1000 lb/113.4-453.6 kg



2000-5000 lb/907.2-2268.0 kg

RATED CAPACITY

lb/inches
250-1000
2000-5000

A

B

DIMENSIONS

C

D

kg/millimeters
113.4-453.6
907.2-2268.0

69.8
69.8

25.4
26.6

16.5
21.5

25.4
19.1

SPECIFICATIONS:

Full Scale Output: 1.5 mV/V nominal
Bridge Resistance: 1000 ohms, nominal
Material/Finish: Stainless steel
Temperature: Compensated range
0°F to 150°F/18°C to 65°C
Safe Overload: 150% Full scale
Rated Excitation: 10V DC
Nonlinearity: 0.25% Full scale

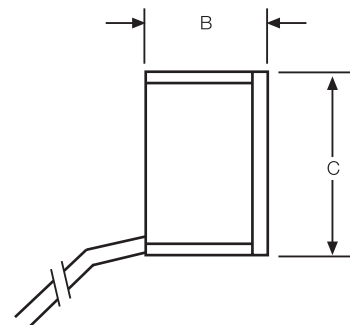
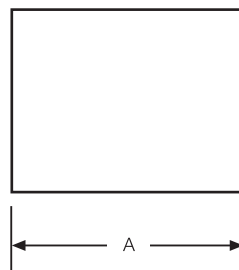
Hysteresis: 0.10% Full scale
Seal Type: Environmentally protected
Cable Length: 18"/.45m
Cable Color Code: Green ... + Excitation
Black - Excitation
White + Signal
Red - Signal
Warranty: 1 year

RLS2101 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
250 lb (113.4 kg)	42538	\$395.00
500 lb (226.8 kg)	42539	\$395.00
1000 lb (453.6 kg)	42540	\$395.00
2000 lb (907.2 kg)	42541	\$395.00
3000 lb (1360.8 kg)	42542	\$395.00
4000 lb (1814.4 kg)	42543	\$395.00
5000 lb (2268.0 kg)	42544	\$395.00

RLS8010 Inclinometer-Gravity Sensor

Angle Measurement Device



DIMENSIONS	A	B	C
Inches	2.0	1.0	1.5
Millimeters	50.8	25.4	38.1

SPECIFICATIONS:

Angle Range:	± 45° angle	Cable Length:	18"/.45m
Ratiometric Range:	.003V/V degree	Cable Color Code:	Red + Input White - Input Green Signal Output Black Ground
Supply Voltage:	8-13V regulated	Warranty:	1 year
Freq. Response:	Less than 1.0 Hz		
Material/Finish:	ABS Thermoplastic		
Seal Type:	Environmentally protected		

RLS8010 ORDER INFORMATION

Angle	Part #	Suggested List Price
45°	42488	\$225.00