RL20000 S-BEAM, ALLOY STEEL

- · Scale conversions and general-purpose weighing
- Full Scale Output: 3.0 mV/V
- · Bridge Resistance: 350 ohms, nominal
- · High-alloy steel, nickel-plated
- · Environmentally protected







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)		
250 lb (113.4 kg)		
300 lb (136.1 kg)	21435	275.00
500 lb (226.8 kg)	21436	275.00
750 lb (340.2 kg)		
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)		
3000 lb (1360.8 kg)		
5000 lb (2268.0 kg)		
10,000 lb (4535.9 kg)	21444	440.00
15,000 lb (6803.9 kg)		
20,000 lb (9071.9 kg)	21446	875.00

RL20000 SS S-BEAM, STAINLESS STEEL

- Scale conversions, tension applications, general-purpose weighing
- Full Scale Output: 3.0 mV/V
- Bridge Resistance: 350 ohms, nominalStainless steel
- · Environmentally protected







LOAD RATING	PART #	SUGGESTED LIST PRICE
50 lb (22.7 kg)**	17013	\$325.00
100 lb (45.4 kg)	46511	345.00
250 lb (113.4 kg)	46503	
500 lb (226.8 kg)	46504	
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)		
CONDUIT ADAPTER KIT* (MUST BE		
3/8-24 Nipple	31533*	15.00

^{**} Non-NTEP

Load Cel

- Scale conversions, tension applications, general-purpose weighing
- Full Scale Output: 3.0 mV/V
- Bridge Resistance: 350 ohms, nominal
- · High-alloy steel, nickel-plated
- · Environmentally protected







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)		
2500 lb (1134.0 kg)	21408	275.00
3000 lb (1360.8 kg)		
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)		

RL20001 HE S-BEAM, STAINLESS STEEL

- Scale conversions and general-purpose weighing
- · Full Scale Output: 2.0 mV/V
- · Bridge Resistance: 350 ohms, nominal
- Stainless steel
- · Welded seal, IP67







LOAD RATING	PART #	SUGGESTED LIST PRICE
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)		
NON-NTEP		
10,000 lb (4535.9 kg)		635.00
15,000 lb (6803.9 kg)		895.00
20,000 lb (9071.9 kg)	36294	1,025.00

RLETS S-BEAM, ALLOY STEEL

- · Scale conversions and general-purpose weighing
- Full Scale Output: 3.0 mV/V ±0.25%
- · Bridge Resistance: 350 ohms, nominal
- Alloy steel
- · Environmentally protected





LOAD RATING	PART #	SUGGESTED LIST PRICE
	31254	
500 kg (1102.3 lb)	31255	295.00
	31256	
	31257	
FC	B Rice Lake Wisconsin • March 1 2001	

RL30000 SINGLE-ENDED BEAM, ALLOY STEEL

- · Low-profile scales and process applications
- Full Scale Output: 3.0 mV/V
- · Bridge Resistance: 350 ohms, nominal
- High-alloy steel, nickel plated
- Environmentally protected





LOAD RATING	PART #	SUGGESTED LIST PRICE
RL30000 NTEP, THREADED-HOLE DESIG	N	
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)		
5000 lb-SE (2268.0 kg)*	21500	295.00
5000 lb-LE (2268.0 kg)	21501	
10,000 lb (4535.9 kg)	21503	
RL30000 NON-NTEP, THREADED-HOLE D	ESIGN	
250 lb (113.4 kg)		
500 lb (226.8 kg)	17342	295.00
15,000 lb (6803.9 kg)		
20,000 lb (9071.9 kg)	17109	645.00
RL30002 NTEP, THRU-HOLE DESIGN		
1000 lb (453.6 kg)	21521	295.00
2000 lb (907.2 kg)		
2500 lb (1134.0 kg)		
4000 lb (1814.4 kg)		
5000 lb (2268.0 kg)	21525	295.00
* SE denotes small envelope		

RL30000W SINGLE-ENDED BEAM, ALLOY STEEL

- Full Scale Output: 3.0 mV/V
- · Bridge Resistance: 350 ohms, nominal
- · High-alloy steel, nickel plated
- Welded seal, IP67









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 enu	velone	

** SE denotes small envelope

RL30745 SINGLE-ENDED BEAM, STAINLESS STEEL

Low-profile scales and process applications

- Full Scale Output: 2.0 mV/V
- · Bridge Resistance: 350 ohms, nominal
- · Stainless steel
- Welded seal, IP67



LOAD RATING	PART #	SUGGESTED LIST PRICE
1000 lb (453.6 kg)	45462	\$450.00
1.250 lb (567.0 kg)		
2500 lb (1,134.0 kg)	45463	450.00
4000 lb (1,181.4 kg)	45464	450.00
5000 lb (2,268.0 kg)		
10.000 lb (4.536.0 ka)		

RLBLC SINGLE-ENDED BEAM, STAINLESS STEEL

- Low-profile scales and process applications
- Full Scale Output: 3.0 mV/V
- · Bridge Resistance: 1000 ohms, nominal
- · Stainless steel
- · Environmentally protected



LOAD RATING	PART #	SUGGESTED LIST PRICE
1000 lb (453.6 kg)	17091	\$275.00
2500 lb (1134.0 kg)	17096	275.00
	17101	
	17104	
	17108	

RL39123 SINGLE-ENDED BEAM, STAINLESS STEEL

- · Low-profile scales and process applications
- Full Scale Output: 3.0 mV/V
- · Bridge Resistance: 350 ohms, nominal
- Stainless steel
- · Environmentally protected





LOAD RATING	PART #	SUGGESTED LIST PRICE
250 lb (113.4 kg)	17386	\$350.00
500 lb (226.8 kg)	17387	350.00
1000 lb (453.6 kg)	17189	350.00
2000 lb (907.2 kg)	17190	350.00
2500 lb (1134.0 kg)	17191	350.00
3000 lb (1360.8 kg)	17192	350.00
4000 lb (1814.4 kg)	17193	350.00
5000 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

RL35023 SINGLE-ENDED BEAM, ALLOY STEEL

- Low-profile scales and process applications
- Full Scale Output: 3.0 mV/V
- Bridge Resistance: 350 ohms, nominal
- High-alloy steel, nickel plated
- Environmentally protected





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LOAD RATING	PART #	SUGGESTED LIST PRICE
1000 lb (453.6 kg)	21528	\$295.00
2000 lb (907.2 kg)	21529	295.00
2500 lb (1134.0 kg)	21530	295.00
3000 lb (1360.8 kg)	21531	295.00
4000 lb (1814.4 kg)	21532	295.00
5000 lb-SE (2268.0 kg)*	21535	295.00
5000 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
* CF -		

^{*} SE denotes small envelope

RL35023S SINGLE-ENDED BEAM, STAINLESS STEEL

- Low-profile scales and process applications
- Full Scale Output: 3.0 mV/V
- Bridge Resistance: 350 ohms, nominal
- Stainless steel
- · Environmentally protected





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)		
10,000 lb (4535.9 kg)		

RL39523 SINGLE-ENDED BEAM, STAINLESS STEEL

- Platform scales and process weighing
- Full Scale Output: 3.0 mV/V
- Bridge Resistance: 350 ohms, nominal
- Stainless steel
- Welded seal strain gauge, IP67



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)		

RL35083 SINGLE-ENDED BEAM, STAINLESS STEEL

- Hostile environment applications typical of food and chemical processing
- Full Scale Output: 3.0 mV/V
- · Bridge Resistance: 350 ohms, nominal
- · Stainless steel
- · Welded seal strain gauge, IP67





LOAD RATING	PART #	SUGGESTED LIST PRICE
1000 lb (453.6 kg)	17252	\$405.00
2500 lb (1134.0 kg)	17253	405.00
4000 lb (1814.4 kg)	17254	405.00
5000 lb (2268.0 kg)	17255	455.00
10,000 lb (4535.9 kg)	17256	455.00

RL35082 SINGLE-ENDED BEAM, STAINLESS STEEL

- Hostile environment applications typical of food and chemical processing
- Full Scale Output: 2.0 mV/V
- · Bridge Resistance: 350 ohms, nominal
- Stainless steel
- Welded seal IP67

(Hermetically sealed IP66/68 available)





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)		
10 000 lb (4535 9 kg)	34706	555.00

RLHTO SINGLE-ENDED BEAM, STAINLESS STEEL

- Low-profile platforms, pallet truck weighers, tanks and silos
- Full Scale Output: 2.0 mV/V
- · Bridge Resistance: 350 ohms, nominal
- Stainless steel
- · Hermetically-sealed, IP66/68







LOAD RATING	PART #	SUGGESTED LIST PRICE
500 kg (1102.5 lb)	31253	\$485.00
1000 kg (2205.0 lb)	31250	485.00
2000 kg (4410.0 lb)	31251	485.00
5000 kg (11,025.0 lb)		

RLETB SINGLE-ENDED BEAM, ALLOY STEEL

- Low-profile scales and process applications
- Full Scale Output: 3.0 mV/V
- · Bridge Resistance: 350 ohms, nominal
- Alloy steel
- Environmentally protected, IP67



LOAD RATING	PART #	SUGGESTED LIST PRICE
500 kg (1102.5 lb)		\$325.00
1000 kg (2205.0 lb)	31248	325.00
2000 kg (4410.0 lb)	31247	325.00
5000 kg (11,025.0 lb)		

RLHSS SINGLE-ENDED BEAM, STAINLESS STEEL

- Low-profile platforms and vessel weighing
- Full Scale Output: 2.0 mV/V
- · Bridge Resistance: 350 ohms, nominal
- · Alloy steel
- · Welded seal, IP67





LOAD RATING	PART #	SUGGESTED LIST PRICE
500 kg (1102.5 lb)	31245	\$695.00
	31242	
	31243	
	31244	

RLMK15 SINGLE-ENDED BEAM, ALLOY STEEL

- Replacement for NCI®/WeighTronix® Mark 15 floor scale load cell
- Full Scale Output: 3.0 mV/V
- · Bridge Resistance: 350 ohms, nominal
- · Alloy steel
- Environmentally protected



LOAD RATING	PART #	SUGGESTED LIST PRICE
500 lb (226.8 kg)	47945	\$650.00
1000 lb (453.6 kg)	33295	650.00
	47949	

RL65044 SINGLE-ENDED BEAM, ALLOY STEEL

- · Low-profile scales and a variety of process applications
- Full Scale Output: 3.0 mV/V
- · Bridge Resistance: 350 ohms, nominal
- High-alloy steel, nickel plated
- Environmentally protected



LOAD RATING	PART #	LIST PRICE
4000 lb (1814.4 kg)	17110	\$550.00

RL32155 SINGLE-ENDED BEAM, STAINLESS STEEL

Replacement for Toledo® 2155 and 2885 bases

- Full Scale Output: 2.0 mV/V
- Bridge Resistance: 440 ohms, nominal
- Stainless steel
- Environmentally protected



LOAD RATING	PART #	SUGGESTED LIST PRICE
500 lb (226.8 kg)	31914	\$510.00
	31912	
	31913	

NCI and Weigh-Tronix are registered trademarks of Weigh-Tronix, Inc. Toldeo is a registered trademark of Mettler-Toledo Inc.

RLSB2 SINGLE-ENDED BEAM, ALLOY STEEL

- Replacement for Masstron® cells
- Full Scale Output: 2.0 mV/V ±.07%
- Bridge Resistance: 350 ohms, nominal
- High-alloy steel, epoxy coated
- 35,000 lb & 45,000 lb hermetically sealed, IP68



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)		
45.000 lb (20.411.7 kg)		

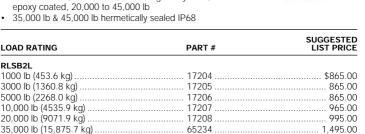
RLSB2L/RLSB2M SINGLE-ENDED BEAM

Replacement for Masstron® cells

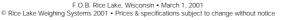
LOAD RATING

RLSB2M

- Full Scale Output: 2.0 mV/V ±.07% (matched)
- Bridge Resistance: 350 ohms, nominal. 2000 ohms (31915)
- Stainless steel, 1000 to 10,000 lb; high-alloy steel, epoxy coated, 20,000 to 45,000 lb
- 35.000 lb & 45.000 lb hermetically sealed IP68



* Hermetically sealed



RL40BBS SINGLE-ENDED BEAM, ALLOY STEEL

- · Precision force and weight measurement
- Full Scale Output: 2.0 mV/V
- Bridge Resistance: 750 ohms, nominal, 50-1000 lb; 347 ohms, nominal, 2500 lb
- High-alloy steel, nickel plated
- Environmentally protected with neoprene sleeve



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

Masstron is a registered trademark of Mettler-Toledo Inc.

RL50210SS SINGLE-ENDED BEAM, STAINLESS STEEL

- Tension- or compression-loading applications
- Full Scale Output: 3.0 mV/V
- · Bridge Resistance: 350 ohms, nominal
- Environmentally protected with stainless sleeve





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)		

RL50210 SINGLE-ENDED BEAM, ALLOY STEEL

- · Tension- or compression-loading applications
- Full Scale Output: 3.0 mV/V
- · Bridge Resistance: 350 ohms, nominal
- High-alloy steel, nickel plated
- · Environmentally protected with neoprene sleeve



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

RLHBB SINGLE-ENDED BEAM, STAINLESS STEEL

- Low-profile platforms, weighing and packing machines, electro-mechanical conversions and general-purpose weighing
- Full Scale Output: 2.0 mV/V
- · Bridge Resistance: 350 ohms, nominal
- · Stainless steel
- · Hermetically sealed, IP68









LOAD RATING	PART #	SUGGESTED LIST PRICE
OIML		
5 kg (11.0 lb)		\$525.00
	32677	
	31259	
50 kg (110.2 lb)		525.00
100 kg (220.5 lb)	31261	525.00
	31262	
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
	41116	
	41117	
	41118	
250 kg (551.2 lb)	41119	525.00
500 kg (1102.5 lb)	41120	525.00

RLBEAM SINGLE-ENDED BEAM, STAINLESS STEEL

- Replacement for BLH® KIS beam®
- Full Scale Output: 2.0 mV/V
- · Bridge Resistance: 350 ohms, nominal
- Stainless steel
- Hermetically sealed



LOAD RATING	PART #	SUGGESTED LIST PRICE
2500 lb (10kn) (1020.6 kg)	47845	\$1,195.00
4500 lb (20kN) (2041.2 kg)	47846	1,195.00
11,250 lb (50kN) (5102.9 kg)	47847	1,795.00
22,500 lb (100kN) (10,205.8 kg)		
45,000 lb (200kN) (20,412.0 kg)	47849	2,475.00

BLH is a registered trademark of BLH Electronics.

RLSBF SINGLE-ENDED BEAM, STAINLESS STEEL

- Full Scale Output: 3.0 mV/V
- · Bridge Resistance: 1000 ohms, nominal
- · Stainless steel
- · Environmentally protected



LOAD RATING	PART #	SUGGESTED LIST PRICE
1500 lb (680.4 kg)	53284	\$535.00
2500 lb (1134.0 kg)	53283	535.00

Fairbanks is a registered trademark of Fairbanks, Inc.

RLBLF SINGLE-ENDED BEAM, STAINLESS STEEL

- Full Scale Output: 2.0 mV/V
- Bridge Resistance: 1000 ohms, nominal
- Stainless steel
- Environmentally protected



LOAD RATING	PART #	SUGGESTED LIST PRICE
1500 lb (680.4 kg)	53285	\$535.00
2500 lb (1134 kg)	53286	535.00

Fairbanks is a registered trademark of Fairbanks, Inc.

RL50500 SINGLE-ENDED BEAM, STAINLESS STEEL

- OEM applications requiring low profile, durable, accurate load cells
- Full Scale Output: 3.0 mV/V
- Bridge Resistance: 350 ohms, nominal
- · Stainless steel
- · Environmentally protected



LOAD RATING	PART #	SUGGESTED LIST PRICE
500 lb (226.8 kg)	33300	\$515.00

RLSSB SINGLE-ENDED BEAM, STAINLESS STEEL

- Platform scales, materials testing, and process weighing
- Full Scale Output: 2.0 mV/V
- Bridge Resistance: 350 ohms, nominal
- Stainless steel
- Welded seal, IP67





LOAD RATING	PART #	SUGGESTED LIST PRICE
1000 lb (453.6 kg)	34310	\$600.00
2000 lb (907.2 kg)		
5000 lb (2268.0 kg)	34312	600.00
10,000 lb (4535.9 kg)	34313	715.00

RLSB250 SINGLE-ENDED BEAM, STAINLESS STEEL

Interchangeable with Cardinal® SB2500

• Full Scale Output: 2.0 mV/V

- · Bridge Resistance: 350 ohms, nominal
- Stainless steel
- · Welded seal, IP67





LOAD RATING	PART #	SUGGESTED LIST PRICE
2500 lb (1134.0 kg)	34482	\$595.00

Cardinal is a registered trademark of Cardinal Scale Manufacturing Co. Weigh-Tronix is a registered trademark of Weigh-Tronix Inc.

RL75000 SS SINGLE-ENDED BEAM, STAINLESS STEEL

- Affordable replacement cell for Weigh-Tronix® WeighBar
- Full Scale Output: 2.0 mV/V
- · Bridge Resistance: 350 ohms, nominal
- · Stainless steel
- · Environmentally protected



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
	47950	

RL70000 DOUBLE-ENDED BEAM, ALLOY STEEL

- · Truck, tank and hopper applications
- Full Scale Output: 3.0 mV/V
- · Bridge Resistance: 700 ohms, nominal
- High-alloy steel, nickel plated
- · Environmentally protected







LOAD RATING	PART #	SUGGESTED LIST PRICE
NTEP		
5000 lb (2268.0 kg)		\$655.00
10,000 lb (4535.9 kg)		655.00
20,000 lb (9071.9 kg)		655.00
30,000 lb (13,607.8 kg)		755.00
40,000 lb (18,143.7 kg)		
50,000 lb (22,679.6 kg)		845.00
60,000 lb (27,215.5 kg)		
100,000 lb (45,359.2 kg)		1,475.00
150,000 lb (68,038.8 kg)		1,475.00
200,000 lb (90,718.4 kg)		2,450.00
NON-NTEP		
250,000 lb (113,398.0 kg)	36978	2,775.00

RL70000 SS DOUBLE-ENDED BEAM, STAINLESS STEEL

- Truck, track and process weighing
- · Full Scale Output: 3.0 mV/V
- · Bridge Resistance: 700 ohms, nominal
- · Stainless steel
- Environmentally protected





LOAD RATING	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 MA	INTAIN 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.

RL71000 HE DOUBLE-ENDED BEAM, STAINLESS STEEL

· Washdown, tank, hopper and process applications

- Full Scale Output: 3.0 mV/V w/voltage applied
- · Bridge Resistance: 700 ohms, nominal
- · Stainless steel
- · Hermetically sealed, IP66/68



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

RL75016 DOUBLE-ENDED BEAM, ALLOY STEEL

Tank and hopper applications
 Full Scale Output: 3.0 mV/V

Bridge Resistance: 700 ohms, nominal

High-alloy steel, nickel plated

· Environmentally protected



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)		
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)		
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

Note: 75,000 lb capacity has a square center

RL75016 SS DOUBLE-ENDED BEAM, STAINLESS STEEL

Tank and hopper applications

- Full Scale Output: 3.0 mV/V
- · Bridge Resistance: 700 ohms, nominal
- · Stainless steel
- · Environmentally protected



Expanded

Capacity

Range!

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

RL75016HE DOUBLE-ENDED BEAM, STAINLESS STEEL

- Tank and hopper applications
- Full Scale Output: 3.0 mV/V
- Bridge Resistance: 700 ohms with voltage applied (1000, 2500, 10,000 & 15,000)
- Stainless steel
- · Hermetically sealed, IP66/68



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)		595.00
5000 lb (2268.0 kg)	33609	595.00
10,000 lb (4535.9 kg)		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

RL75060S DOUBLE-ENDED BEAM, STAINLESS STEEL

- High-capacity process measurement and control; vehicle weighing in hostile environments
- Full Scale Output: 3.0 mV/V
- Bridge Resistance: 700 ohms, nominal
- Stainless steel
- Welded seal, IP67









LOAD RATING	PART #	SUGGESTED LIST PRICE
20,000 lb (9071.9 kg)	53481	\$765.00
25,000 lb (11,339.8 kg)	50559	765.00
	50560	
50,000 lb (22,679.6 kg)	50561	995.00
	50562	
75,000 lb (34,019.4 kg)	50563	995.00
	50564	

RL75058 DOUBLE-ENDED BEAM, ALLOY STEEL

- Center link loading and compatibility with the Unilink or similar suspension systems
- Full Scale Output: 3.0 mV/V
 Bridge Resistance: 700 ohms, nominal
- High-alloy steel, nickel plated
- · Environmentally protected







LOAD RATING	PART #	SUGGESTED LIST PRICE
35 FT CABLES		
20,000 lb (9071.9 kg)		
25,000 lb (11,339.8 kg)	34315	635.00
40,000 lb (18,143.7 kg)	34316	760.00
50,000 lbLE (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)		
60 FT CABLES		
50,000 lb (22,679.6 kg)	53417	975.00
75,000 lb (34,019.4 kg)	39516	975.00
NON-NTEP		
10.000 lb (4536.0 kg)	41890	615.00

RL75040A DOUBLE-ENDED BEAM, ALLOY STEEL

- Center mounting and double link loading; compatible with Unilink/Translink suspension up to 75,000 lb
- Full Scale Output: 3.0 mV/V Bridge Resistance: 700 ohms, nominal
- High-alloy steel, nickel plated
- Environmentally protected





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)		
100,000 lb (45,359.2 kg)	21619	1,575.00
125,000 lb (56,699.1 kg)		
40 FT CABLES		
60,000 lb SE (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 (34,019.4 kg)	40951	865.00
* SE denotes small envelope		

RL75223 DOUBLE-ENDED BEAM, ALLOY STEEL

- Low-profile truck and track scales in harsh environments Full Scale Output: 3.0 mV/V
- Bridge Resistance: 700 ohms, nominal
- High-alloy steel, nickel plated
- Welded seal strain gauge, IP67







LOAD RATING	PART #	SUGGESTED LIST PRICE
50,000 lb(22,679.6 kg) 65,000 lb(29,483.5 kg) 100,000 lb(45,359.2 kg)	21612	850.00

RL8C2P1SS COMPRESSION CANISTER, STAINLESS STEEL

- Truck and rail scales applications
- Full Scale Output: 2.0 mV/V
- Bridge Resistance: 350 ohms, nominal
- Stainlesss steel
- Hermetically sealed gauge area, IP68





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

RLCSP1 COMPRESSION CANISTER, STAINLESS STEEL

- · Truck and rail scales applications
- Full Scale Output: 2.0 mV/V
- · Bridge Resistance: 480 ohms, nominal
- Stainless steel
- · Welded seal, IP67





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)		
200,000 lb (90,718.5 kg)		

RL90000 COMPRESSION* DISK, ALLOY STEEL

- · Low-profile weighing applications
- Full Scale Output: 4.0 mV/V
- Bridge Resistance: 350 ohms, (100,000 lb = 700 ohms), nominal
- · High-alloy steel, nickel plated
- · Environmentally protected





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)		
50,000 lb (22,679.7 kg)		
100,000 lb (45,359.4 kg)		
Load Cup*		

* 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.

RL1040 SINGLE-POINT, ALUMINUM

- Weighing platforms, hanging scales, low-capacity beams
- Full Scale Output: 2.0 mV/V
- Bridge Resistance: 350 ohms, nominal
- · Anodized aluminum
- Environmentally protected, potted and unpotted models







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)	32850	190 00

RL1042 SINGLE-POINT, ALUMINUM

- · Platform weighing applications
- Full Scale Output: 2.0 mV/V
- · Bridge Resistance: 350 ohms, nominal
- Anodized aluminum
- · Environmentally protected





		_
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
	40963	
100 kg (220.5 lb)	40964	

RL1140 SINGLE-POINT, STAINLESS STEEL

- Weighing platforms, hanging scales, low-capacity beams
- Full Scale Output: 2.0 mV/V
- Bridge Resistance: 350 ohms, nominal
- Stainless steel
- · Environmentally protected, potted





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)		

RL1250 SINGLE-POINT, ALUMINUM

- Weighing platforms, hanging scales, low-capacity beams
- · Full Scale Output: 2.0 mV/V
- · Bridge Resistance: 350 ohms, nominal
- · Anodized aluminum
- · Environmentally protected, potted







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 (1399.9 lb)	32857	315.00
1000 kg (2205 lb)		

RL1260 SINGLE-POINT, ALUMINUM

- · High-capacity applications
- Full Scale Output: 2.0 mV/V
- · Bridge Resistance: 350 ohms, nominal
- · Anodized aluminum
- · Environmentally protected







LOAD RATING	PART #	SUGGESTED LIST PRICE
NTEP 1:5000		
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 (1399.9 lb)	41027	310.00

RLMK1 SINGLE-POINT, ALLOY STEEL

Interchangeable with NCI® MK1

Full Scale Output: 2.0 mV/V

· Bridge Resistance: 350 ohms, nominal

- High-alloy steel, nickel plated
- · Environmentally protected





LOAD RATING	PART #	SUGGESTED LIST PRICE
50 lb (22.7 kg)	26226	\$850.00
100 lb (45.3 kg)	26227	850.00
200 lb (90.7 kg)	26228	850.00
500 lb (226.8 kg)	26229	850.00
1000 lb (453.6 kg)		
2000 lb (907.2 kg)		
3000 lb (1360.8 kg)		

RLMK4 SINGLE-POINT, ALLOY STEEL/STAINLESS STEEL

- Interchangeable with NCI® MK4
- Full Scale Output: 2.0 mV/V
- · Bridge Resistance: 350 ohms, nominal
- Alloy steel or stainless steel
- · Environmentally protected





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
	25378	
	25379	
	25380	

NCI and Weigh-Tronix are registered trademarks of Weigh-Tronix, Inc.

RL1521A SINGLE-POINT, ALUMINUM

- · Bench scales and platform scales
- Full Scale Output: 2.0 mV/V
- · Bridge Resistance: 350 ohms, nominal
- · Aluminum
- · Environmentally protected





LOAD RATING	PART #	SUGGESTED LIST PRICE
NTEP		
3 kg (6.6 lb)	50620	\$140.00
5 kg (11.0 lb)	50619	140.00
7 kg (15.4 lb)	50621	140.00
10 kg (22.0 lb)	50622	140.00
15 kg (33.1 lb)	50623	140.00
20 kg (44.1 lb)	50624	140.00
30 kg (66.2 lb)	50625	140.00
35 kg (77.2 lb)	50626	140.00

RLMK21 SINGLE-POINT, STAINLESS STEEL

- Alternative for Weigh-Tronix® 3270 Series checkweighers
- Full Scale Output: 2.0 mV/V
- · Bridge Resistance: 350 ohms, nominal
- Stainless steel
- · Environmentally protected



		CHOOLECTED
LOAD RATING	PART #	SUGGESTED LIST PRICE
4.5 kg (9.9 lb)	33296	\$420.00
7.5 kg (16.5 lb)		420.00
18 kg (39.7 lb)		420.00
35 kg (77.2 lb)		420.00
50 kg (110.3 lb)	47951	420.00

RL1380 SINGLE-POINT, STAINLESS STEEL

- Platform scales, packaging and process weighing equipment
- Full Scale Output: 2.0 mV/V
- · Bridge Resistance: 350 ohms, nominal
- Stainless steel
- · Environmentally protected







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)		
60 kg (132.3 lb)	30779	295.00

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

RL1385 SINGLE-POINT, STAINLESS STEEL

- Harsh environment applications
- Full Scale Output: 2.0 mV/V
- · Bridge Resistance: 350 ohms, nominal
- · Stainless steel
- · Environmentally protected





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

RLS1000/RLS1005 BUTTON SENSORS, STAINLESS STEEL

- · Very low profile
- Durable
- · Force measurement
- · Stainless Steel



RLS1000





LOAD RATING	PART #	SUGGESTED LIST PRICE
RLS1000 (3.0 mV/V nominal)		
500 lb (226.8 kg)	42150	\$350.00
1000 lb (453.6 kg)	42151	350.00
2000 lb (907.2 kg)		
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 (1.5 mV/V nominal)		
1000 lb (453.6 kg)	42534	425.00
2500 lb (1134.0 kg)		
5000 lb (2268.0 kg)	42536	425.00
8000 lb (3628.8 kg)		

RLS1101 PLANAR BEAM SENSOR, STAINLESS STEEL

- · Low profile
- Force measurement
- · Inexpensive
- · Easy to install
- Stainless steel
- 1.5 mV/V nominal



LOAD RATING	PART #	SUGGESTED LIST PRICE
1 lb (0.5 kg)	47944	\$65.00
2 lb (0.9 kg)	42290	65.00
5 lb (2.3 kg)	42291	65.00
10 lb (4.5 kg)	42292	65.00
20 lb (9.0 kg)	42293	65.00
40 lb (18.1 kg)	42294	65.00

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RLS2101 TENSION LINK, STAINLESS STEEL

- Low profile
- Tension measurement
- Durable
- Stainless steel
- 1.5 mV/V nominal



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)		
4000 lb (1814.4 kg)		
5000 lb (2268.0 kg)		

RLS2732 FORCE LOAD SENSOR, ALUMINUM

- Low profile
- Easy to install
- Force measurement
- Aluminum
 - 1.5 mV/V nominal



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	

RLS3010 LOAD SENSOR, ALUMINUM/STAINLESS STEEL

- Low profile
- Rugged design
- 2.0 mV/V nominal
- Force/Tension measurement



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

RLS3020 MINI BEAM SENSOR, ALUMINUM

- Very low profile
- · Reliable design
- · Black anodized aluminum
- Inexpensive
- 1.5 mV/V nominal



LOAD RATING PART #		SUGGESTED LIST PRICE
2 lb (0.9 kg)	42527	\$110.00
5 lb (2.3 kg)	42528	110.00
10 lb (4.5 kg)	42529	110.00
15 lb (6.8 kg)	47947	110.00
25 lb (11.3 kg)	42530	110.00
50 lb (22.7 kg)	47948	110.00

RLS3030 LOW-PROFILE LOAD SENSOR, ALUMINUM

- · Measures tension and compression
- · Low profile
- Durable design
- · 2.0 mV/V nominal



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	

RLS7000 WASHER FORCE SENSOR, STAINLESS STEEL

- · Washer design
- Force measurement
- · Stainless steel
- · Thermally compensated
- 1.5 mV/V nominal



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

RLS8010 INCLINOMETER-GRAVITY SENSOR

- · Angle measurement
- Thermoplastic
- ± 45° angle range
- Protective case





ANGLE	PART #	SUGGESTED LIST PRICE
45°	42488	\$225.00

LOAD CELL WIRING COLOR GUIDE

MODELC		ATION	SIGNAL								CUITID	SE	ISE
MODELS	+	-	+	-	SHIELD	+	-						
RL20000, RL20000SS, RL20001, RL20001HE, RL30000, RL30000W, RL35023, RL35023S, RL35082, RL35083, RL39123, RL39523, RL50210, RL65044, RL70000, RL75016, RL75016SS, RL75040A, RL75058, RL75040, RL75058, RL90000, RLFB, RLETS, RLHSS, RLMK4	Red	Black	Green	White	Bare								
RL50500, RL70000SS, RL71000HE, RL75016HE, RLMK15, RLMK21,	Red	Black	Green	White	Orange								
RLMK1	Red	Black	White	Green	Orange	Yellow	Blue						
RL1521	Red	Blue	Green	White	Bare								
RL40BBS, RLBLC, RLSB2, RLSB2L, RLSB2M, RLSB250, RLSSB, RLKIS	Green	Black	White	Red	Bare								
RL8C2P1SS, RLCSP1, RL75000SS, RL30745	Green	Black	White	Red	Orange								
RL1380, RL1385	Green	Black	White	Red	Yellow								
RL1010, RL1040, RL1042, RL1140, RL1250, RL1260	Green	Black	Red	White	Bare	Blue	Brown						
RLHBB, RLHTO	Blue	Black	White	Red	Bare	Green	Grey						
RL32155	White	Blue	Green	Black	Orange	Yellow	Red						