



Standard Features

The RL30002 single-ended beam is designed for low-profile scales and process applications. It comes with 20 feet of load cell cable. NTEP Certified small-envelope models are available in capacities ranging from 1,000 to 5,000 pounds.

Approvals





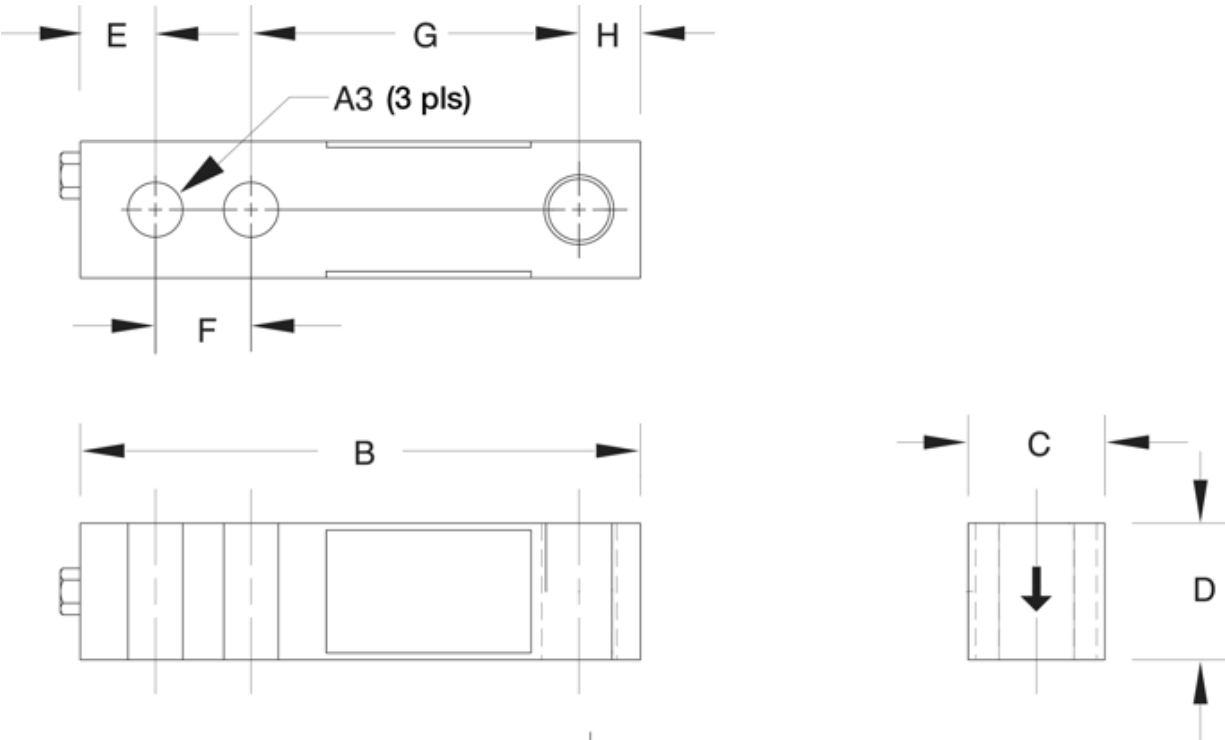
WARNING: Cancer and Reproductive Harm
California Proposition 65

RL30002 Load Cell Specifications

Full Scale Output: 3.0 mV/V Bridge Resistance: 350 ohm, nominal Material/Finish: High-alloy steel, nickel plated Temperature: Compensated: 14 to 104 °F (-10 to 40 °C) Operating: 0 to 150 °F (-18 to 65 °C) Seal Type: Environmentally sealed, IP67	Safe Sideload: 100% full scale Rated Excitation: 5 to 10 VDC (15 V maximum) Combined Error: 0.02% full scale Insulation Resistance: 5,000 megohm Deflection at Capacity: 1,000 lb: 0.013 in 2,000 to 2,500 lb: 0.015 in 4,000 to 5,000 lb: 0.025 in	Cable Diameter: 0.200 in Polyurethane jacket Cable Color Code: Red +Excitation Black -Excitation Green +Signal White -Signal Warranty: Two-year limited Approvals: NTEP 98-043 cFMus
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Safe Overload: 150% full scale	Cable Length: 20 ft	
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RL30002 Load Cell Dimensions



RATED CAPACITY	A3	B	C	D	E	F	G	H
LB/IN								
1,000 to 5,000 SE	0.53	5.12	1.25	1.25	0.62	1.00	3.00	0.50

PART #	DESCRIPTION	LIST PRICE
21521	1000lb 20ft 3mv/v 350 Ohm NTEP III 3S/III 5M WW IP67 THRU	List Price: \$315.00
21522	2000lb 20ft 3mv/v 350 Ohm NTEP III 3S/III 5M WW IP67 THRU	List Price: \$315.00
21523	2.5k 2500lb 20ft 3mv/ 350 Ohm NTEP III 3S/III 5M WW IP67 THRU	List Price: \$315.00
21524	4000lb 20ft 3mv/v 350 Ohm NTEP III 3S/III 5M WW IP67 THRU	List Price: \$315.00
21525	5000lb 20ft 3mv/v 350 Ohm NTEP III 3S/III 5M WW IP67 THRU SE	List Price: \$315.00

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

PART #	DESCRIPTION	LIST PRICE
31533	3/8-24UNF Thread Nipple	List Price: \$40.00
31534	1/4-18 NPT 3/8-24UNF-ZA	List Price: \$40.00

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