



Standard Features

This threaded hole, single-ended beam is designed for low-profile scales and process applications. NTEP Certified models are available in capacities ranging from 1,000 to 10,000 pounds. Non-NTEP Certified models are available in 250-, 500- and 20,000-pound capacities. The load cell comes with 20 feet of cable.

Approvals



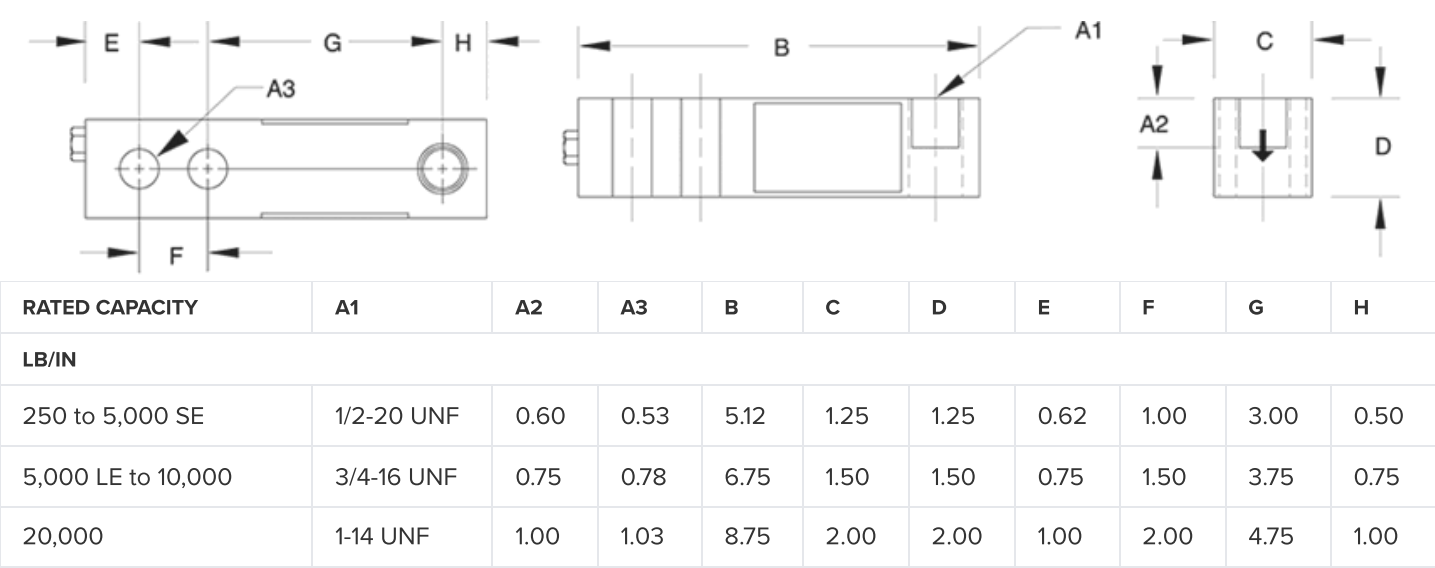
WARNING: Cancer and Reproductive Harm
California Proposition 65

RL30000I Load Cell Specifications

Full Scale Output: 3.0 mV/V Output Resistance: 350 ± 3 ohm Input Resistance: 385 ± 5 ohm Material/Finish: High-alloy steel, nickel plated Temperature: Compensated: 14 to 104 °F (-10 to 40 °C) Operating: 0 to 150 °F (-18 to 65 °C)	Safe Overload: 150% full scale Safe Sideload: 100% full scale Rated Excitation: 5 to 10 VAC (15 V maximum) Combined Error: 0.02% full scale Insulation Resistance: 5,000 megohm Deflection at Capacity: 250 to 1,000 lb: 0.013 in 2,000 to 3,000 lb: 0.015 in	Cable Length: 20 ft Cable Diameter: 0.200 in Polyurethane jacket Cable Color Code: Red +Excitation Black -Excitation Green +Signal White -Signal Warranty: Two-year limited
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Seal Type: Environmentally sealed, IP67	4,000 to 5,000 lb: 0.025 in 10,000 lb: 0.032 in 20,000 lb: 0.038 in	Approvals: NTEP 98-043 cFMus
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RL30000I Load Cell Dimensions



NTEP Certified

PART #	DESCRIPTION	LIST PRICE
21491	1000lb 20ft 3mv/v 350 Ohm NTEP III 3S/III 5M FM WW IP67	List Price: \$315.00
21493	2000lb 20ft 3mv/v 350 Ohm NTEP III 3S/III 5M FM WW IP67	List Price: \$315.00
21495	2.5K 2500lb 20ft 3mv/v 350 Ohm NTEP III 3S/III 5M FM WW IP67	List Price: \$315.00
21497	3000lb 20ft 3mv/v 350 Ohm NTEP III 3S/III 5M FM WW IP67	List Price: \$315.00
21498	4000lb 20ft 3mv/v 350 Ohm NTEP III 3S/III 5M FM WW IP67	List Price: \$315.00
21500	5KSE 5000lb 20ft 3mv/v 350 Ohm NTEP III 3S/III 5M FM WW IP67 SE	List Price: \$315.00
21501	5KLE 5000lb 20ft 3mv/v 350 Ohm NTEP III 3S/III 5M FM WW IP67 LE	List Price: \$400.00
21503	10K 10,000lb 20ft 3mv/v 350 Ohm NTEP III 3S/III 5M FM WW IP67	List Price: \$400.00

Non-NTEP Certified

PART #	DESCRIPTION	LIST PRICE
17341	250lb 20ft 3mv/v 350 Ohm WW IP67	List Price: \$315.00
17342	500lb 20ft 3mv/v 350 Ohm WW IP67	List Price: \$315.00
17109	20K 20,000lb 20ft 3mv/v 350 Ohm WW IP67	List Price: \$685.00

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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