

Standard Features

Double-ended beam with center loading. Designed for truck, tank and hopper applications. Capacities range from 10,000 lb to 250,000 lb. Complete with 30 ft of load cell cable.

Approvals

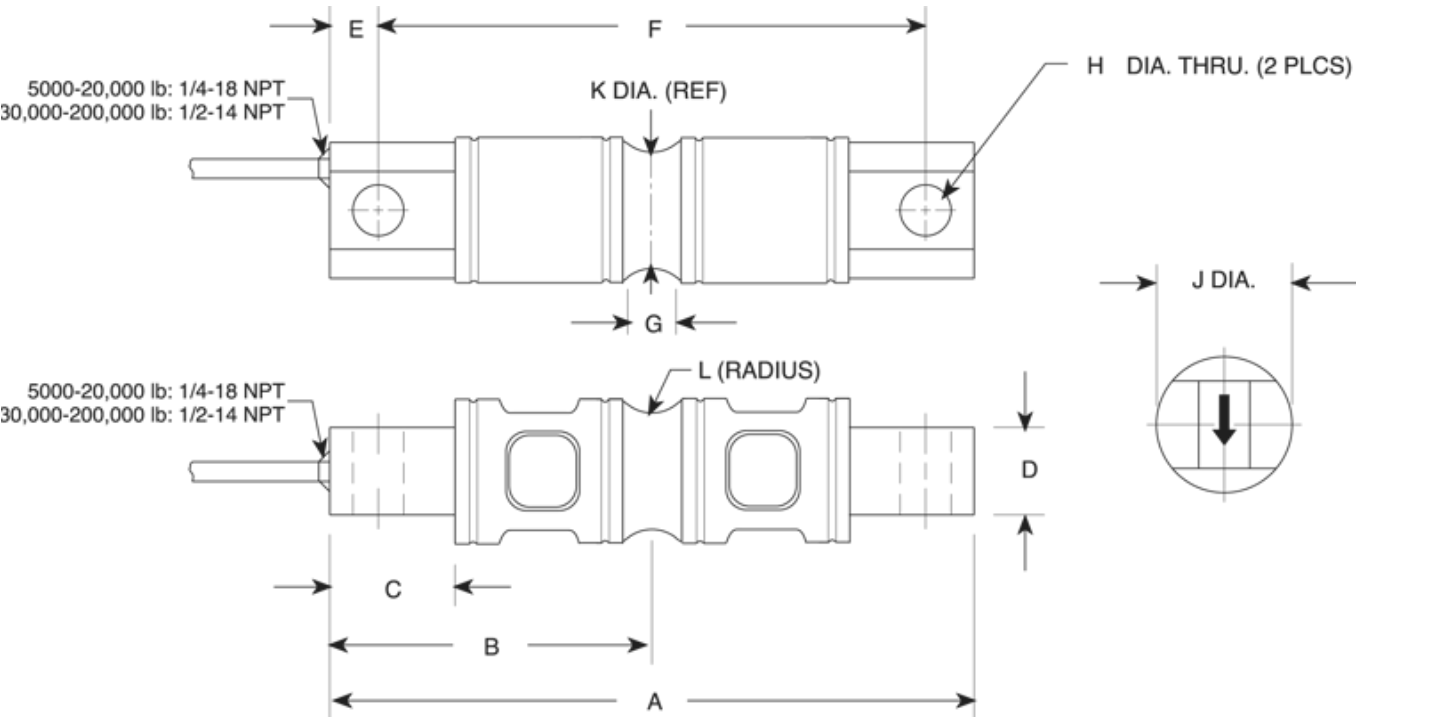


WARNING: Cancer and Reproductive Harm
California Proposition 65

RL70000 Load Cell Specifications

Full Scale Output: 3.0 mV/V Output Resistance: 5 to 10 k: 703 (± 4) ohm 20 to 150 k: 700 (± 5) ohm 200 to 250 k: 700 (± 5) ohm Input Resistance: 5 to 10 k: 700 (± 14) ohm 20 to 150 k: 770 (± 10) ohm 200 to 250 k: 700 (± 14) ohm Material/Finish: High-alloy steel, nickel plated Temperature: Compensated range 14 °F to 104 °F (-10 °C to 40 °C) Operating range 0 °F to 150 °F (-18 °C to 65 °C) Seal Type: Environmentally sealed, IP67	Safe Overload: 150% full scale Safe Sideload: 100% full scale Rated Excitation: 5 to 10 VDC (15 V maximum) Combined Error: 0.02% full scale Insulation Resistance: 5,000 megohm Deflection at Capacity: 5,000 lb: 0.02 in 10,000 lb: 0.025 in 20,000 lb: 0.042 in 30,000 to 50,000 lb: 0.02 in 60,000 lb: 0.025 in 100,000 lb: 0.02 in	Cable Length: 30 ft Cable Diameter: 5,000 to 20,000 lb: 0.200 in 30,000 to 250,000 lb: 0.305 in Polyurethane jacket Cable Color Code: Red +Excitation Black –Excitation Green +Signal White –Signal Warranty: Two-year limited Approvals: cFMus NTEP 97-125
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RL70000 Load Cell Dimensions



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

PART #	DESCRIPTION	LIST PRICE
36976	150k 150,000lb 30ft 3mV/V 700 OHM WW NTEP IIIL 10M FM IP67	List Price: \$1,563.00
36977	200k 200,000lb 30ft 3mV/V 700 OHM WW NTEP IIIL 10M FM IP67	List Price: \$2,940.00

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