



Standard Features

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 range from 5,000 lb to 100,000 lb. Complete with 30 ft of load cell cable.

Approvals



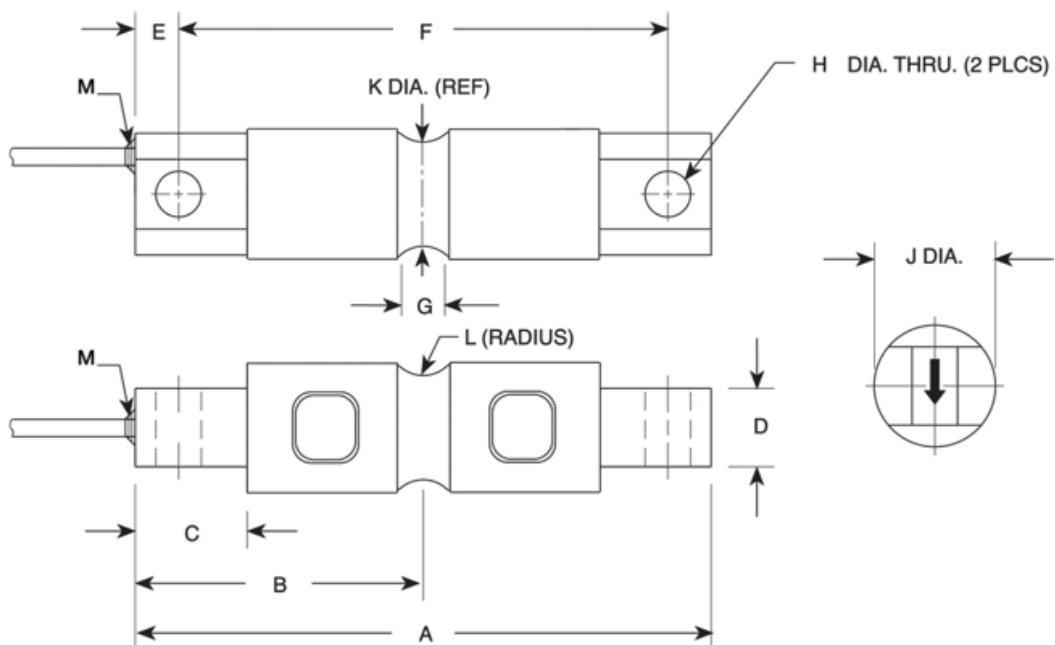


WARNING: Cancer and Reproductive Harm
California Proposition 65

RL7000SS Load Cell Specifications

Full Scale Output: 3.0 mV/V Output Resistance: 700 (± 7) ohm Input Resistance: 700 (± 7) ohm Material/Finish: Stainless steel Temperature: Compensated range 0 °F to 150 °F (-18 °C to 65 °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 V DC (15 V max) Non-repeatability: 0.02% full scale Combined Error: 0.3% 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 to 150,000 lb: 0.02 in	Cable Length: 30 ft Cable Diameter: 0.295 in Polyurethane jacket Cable Color Code: Red +Excitation Black –Excitation Green +Signal White –Signal Warranty: Two-year limited Approvals: cFMus NTEP 12-050
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RL7000SS Load Cell Dimensions



RATED CAPACITY	A	B	C	D	E	F	G	H	J	K	L	M
LB/IN												
40,000 to 50,000	10.25	5.12	1.88	2.37	0.88	8.50	1.00	1.06	3.20	2.73	1.00	1/2-14 NPT
100,000	11.25	5.62	1.88	2.50	0.88	9.50	1.00	1.06	3.50	3.24	1.50	1/2-14 NPT

PART #	DESCRIPTION	LIST PRICE
30436	50K 50,000 lb 30ft 3mV/V 700 OHM WW SST IP67	Consult
30444	100K 100,000 lb 30ft 3mV/V 700 OHM WW SST IP67	Consult

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