

Rice Lake RL1010 Aluminum, Single Point Load Cell



As of: Monday, August 3, 2026



Standard Features

The RL1010 is an off-center loading load cell designed for long-lasting, durable weighing platform mounts. It's available with potted cavities to improve performance in durable environments. Potted model capacities range from 7 to 90 kilograms and come with 10 feet of cable. Unpotted model capacities are available in 3 and 5 kilograms with 3 feet of load cell cable. NTEP Certified capacities range from 10 to 50 kilograms.

Approvals

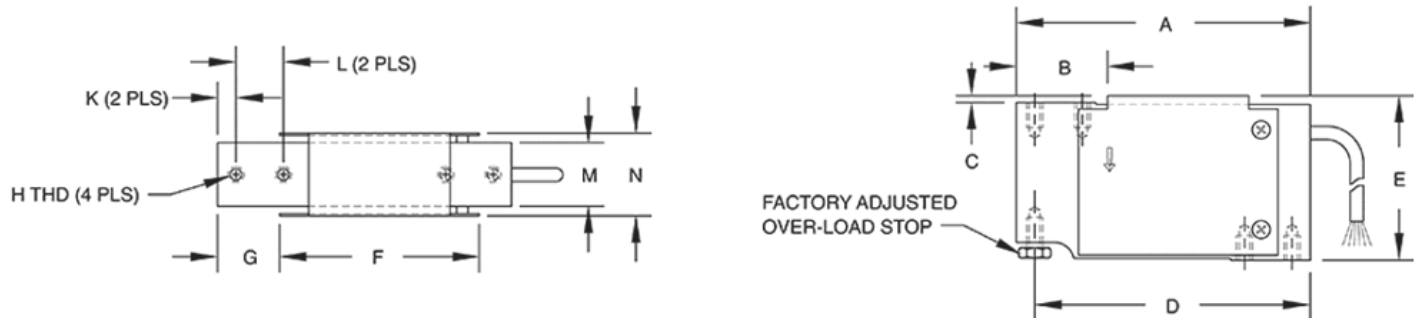


⚠ WARNING: Cancer and Reproductive Harm California Proposition 65

RL1010 Load Cell Specifications

Full Scale Output: 2.0 mV/V Output Resistance: 350 (±3) ohm, nominal Input Resistance: 415 (±15) ohm Material/Finish: Anodized aluminum Temperature: Compensated: 14 to 104 °F (-10 to 40 °C) Operating: 0 to 150 °F (-18 to 65 °C) Seal Type: Potted: IP67 Unpotted: IP65	Safe Overload: 150% at center of loading point, 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: 0.3 to 0.5 mm Cable Length: Potted: 10ft Unpotted: 3 ft Cable Diameter: 0.200 in PVC jacket	Cable Color Code: Green +Excitation Black -Excitation Red +Signal White -Signal Blue +Sense Brown -Sense Max Platform Size: 15.75 × 15.75 in Warranty: Two-year limited Approvals: NTEP 00-062 cFMus
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RL1010 Load Cell Dimensions



RATED CAPACITY	A	B	C	D	E	F	G	H	K	L	M	N
KG/MM												
3 to 90	118.1	34.00	3.00	110.5	66.0	80.0	25.0	1/4-20 UNC × 13 DP	7.5	19.1	25.4	33.5

NTEP Certified, Potted

PART #	DESCRIPTION	LIST PRICE
50819	10kg 10ft 2mV/V 350 OHM NTEP III 5 S FM AL Potted IP67	List Price: \$205.00
50820	15kg 10ft 2mV/V 350 OHM NTEP III 5 S FM AL Potted IP67	List Price: \$205.00
50821	-00-0001 20kg 10ft 2mV/V 350 OHM NTEP III 5 S FM AL Potted IP67	List Price: \$205.00
50822	30kg 10ft 2mV/V 350 OHM NTEP III 5 S FM AL Potted IP67	List Price: \$205.00
50823	-00-0001 50kg 10ft 2mV/V 350 OHM NTEP III 5 S FM AL Potted IP67	List Price: \$205.00

Non-NTEP Certified, Potted

PART #	DESCRIPTION	LIST PRICE
17529	7kg 10ft 2mv/v 350 Ohm FM AL Class F Potted IP67	List Price: \$205.00
17530	10kg 10ft 2mv/v 350 Ohm FM AL Class F Potted IP67	List Price: \$205.00
17531	15kg 10ft 2mV/V 350 OHM Class F AL Potted FM	Consult
17532	20kg 10ft 2mv/v 350 Ohm FM AL Class F Potted IP67	List Price: \$205.00
17533	30kg 10ft 2mv/v 350 Ohm FM AL Class F Potted IP67	List Price: \$205.00
17534	50kg 10ft 2mv/v 350 Ohm FM AL Class F Potted IP67	List Price: \$205.00
17535	90kg 10ft 2mv/v 350 Ohm FM AL Class F Potted IP67	List Price: \$205.00

Non-NTEP Certified, Unpotted

PART #	DESCRIPTION	LIST PRICE
17527	3kg 10ft 2mv/v 350 Ohm FM AL Class F Unpotted	List Price: \$190.00
17528	5kg 10ft 2mv/v 350 Ohm FM AL Class F Unpotted	List Price: \$190.00

www.ricelake.com | 800-472-6703

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