

Rice Lake RL1042 Aluminum, Single-Point Load Cell



As of: Monday, August 3, 2026



Standard Features

The RL1042 is a low-profile, single point load cell constructed out of aluminum. The two-beam design offers high immunity to side forces and is specially coated to provide humidity resistance. It's ideal for platform scales and is available in a 1-kilogram capacity, complete with 10 feet of load cell cable.

Approvals



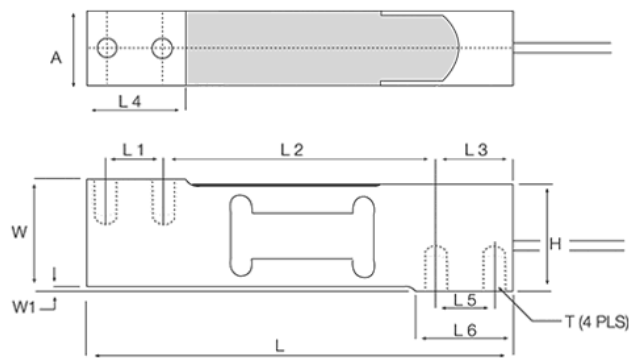


WARNING: Cancer and
Reproductive Harm
California Proposition 65

RL1042 Load Cell Specifications

Full Scale Output: 2.0 mV/V Output Resistance: 350 (±3) ohm Input Resistance: 415 (±15) ohm Material/Finish: Aluminum Temperature: Compensated: 14 to 104 °F (-10 to 40 °C) Operating: 0 to 150 °F (-18 to 65 °C) Seal Type: Environmentally sealed, IP66	Safe Overload: 150% full scale Over-center loading point Rated Excitation: 5 to 10 VDC (15 V maximum) Combined Error: 0.02% full scale Insulation Resistance: 2,000 megohm Deflection at Capacity: 0.015 in Cable Length: 10 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: 16 × 16 in Warranty: Two-year limited Approvals: NTEP 97-138 FM
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RL1042 Load Cell Dimensions



RATED CAPACITY	A	H	L	L1	L2	L3	L4	L5	L6	W	W1	T
KG/MM												
1	20.0	39.0	150.0	19.0	100.0	25.0	34.0	19.0	34.0	40.0	1.0	1/4-20 UNC

PART #	DESCRIPTION	LIST PRICE
40955	10ft 2mV/V 350 OHM NTEP III 5 S FM AI Class I	List Price: \$190.00

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