

Rice Lake RL1140 Stainless Steel, Single Point Load Cell



As of: Monday, August 3,
2026



Standard Features

This is a single point load cell constructed of stainless steel and is ideal for platform scales, as well as packaging and process weighing equipment. Its capacities range from 15 to 150 kilograms, complete with 10 feet of cable.

Approvals

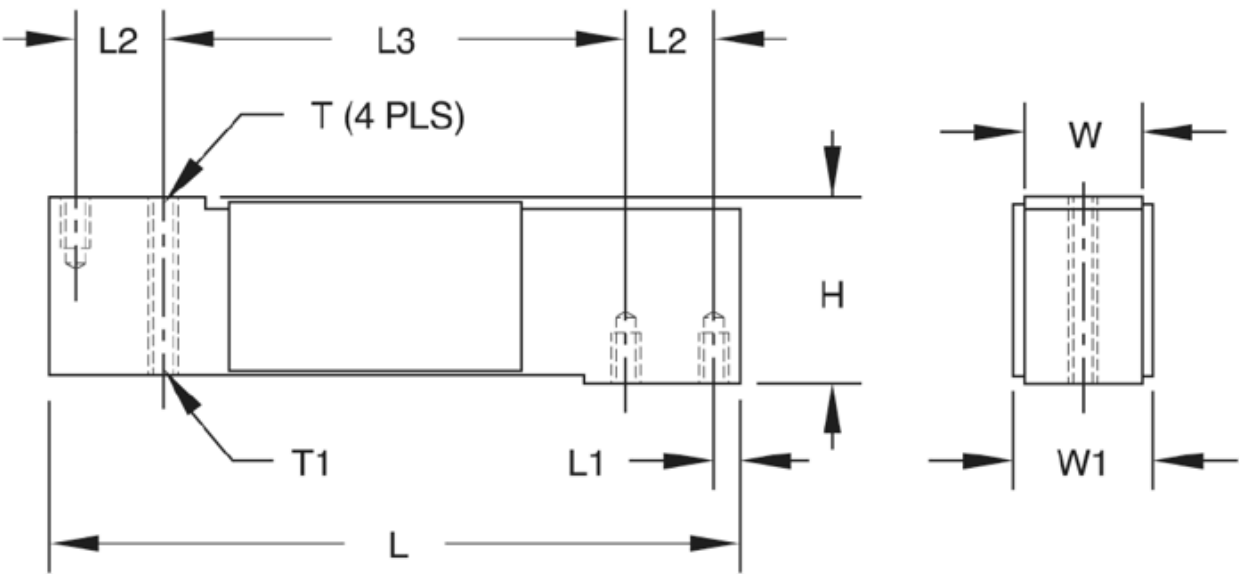


WARNING: Cancer and Reproductive Harm
California Proposition 65

RL1140 Load Cell Specifications

Full Scale Output: 2.0 mV/V Output Resistance: 350 (±5) ohm, nominal Input Resistance: 383 (±15) ohm Material/Finish: Stainless steel Temperature: Operating: 14 to 104 °F (-10 to 40 °C) Compensated: 14 to 104 °F (-10 to 40 °C) Seal Type: Environmentally sealed, IP65	Safe Overload: 200% at center loading point, full scale Rated Excitation: 5 to 10 VDC (15 V maximum) Combined Error: 0.02% full scale Insulation Resistance: 2,000 megohm Deflection at Capacity: 0.4 mm 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: 15.75 × 15.75 in Warranty: Two-year limited Approvals: cFMus
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RL1140 Load Cell Dimensions



RATED CAPACITY	H	L	L1	L2	L3	T	T1	W	W1
KG/MM									
15 to 150	40.0	150.0	6.00	19.1	100.0	1/4-20 UNC × 10 DP	1/4-28 UNF ×10 DP	25.4	29.4

PART #	DESCRIPTION	LIST PRICE
17544	15kg 10ft 2mv/v 350 Ohm FM IP65 SST Class F Potted	List Price: \$339.00
17545	30kg 10ft 2mv/v 350 Ohm FM IP65 SST Class F Potted	List Price: \$339.00
17546	50kg 10ft 2mv/v 350 Ohm FM IP65 SST Class F Potted	List Price: \$339.00
17547	75kg 10ft 2mv/v 350 Ohm FM IP65 SST Class F Potted	List Price: \$339.00
17548	100kg 10ft 2mv/v 350 Ohm FM IP65 SST Class F Potted	List Price: \$339.00
36467	150kg 150kg 10ft 2mV/V 350 OHM SST Potted FM IP65	Consult

www.ricelake.com | 800-472-6703

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