

Rice Lake RL1521A Aluminum, Single Point Load Cell



As of: Monday, August 3, 2026



Standard Features

Replacing the VPG®, BLH® and NMB C2G1 load cell, the RL1521A is a low-profile, single point load cell designed for electronic bench and platform scales. The capacities are available from 3 to 35 kilograms and come with 1.5 or 10 feet of cable.

Approvals



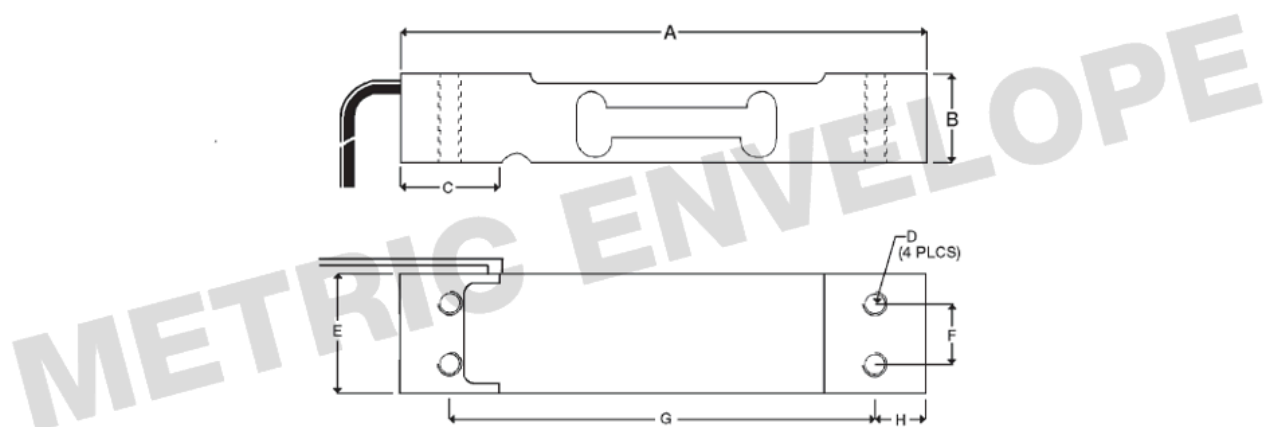


WARNING: Cancer and
Reproductive Harm California
Proposition 65

RL1521A Load Cell Specifications

Full Scale Output: 2.0 mV/V Output Resistance: 350 (± 3) ohm Input Resistance: 410 (± 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 Rated Excitation: 5 to 10 VDC (15 V maximum) Combined Error: 0.03% full scale Insulation Resistance: 2,000 megohm Deflection at Capacity: 0.03 to 0.05 mm Cable Length: 3 m 0.50 m Cable Diameter: 3.5 mm PVC jacket	Cable Color Code: Green +Excitation Black -Excitation Red +Signal White -Signal Max Platform Size: 13.75 × 13.75 in Warranty: Two-year limited Approvals: NTEP 98-166 cFMus
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RL1521A Load Cell Dimensions



RATED CAPACITY	A	B	C	D	E	F	G	H
KG/MM								
3 to 7	130.0	22.0	25.0	M6 × 1.0	25.4	15.0	106.0	12.0
10 to 30	130.0	22.0	25.0	M6 × 1.0	30.0	15.0	106.0	12.0
35	130.0	22.0	25.0	M6 × 1.0	40.0	15.0	106.0	12.0

1.5ft Cable

PART #	DESCRIPTION	LIST PRICE
50620	3 KG 1.5ft 2mV/V 350 OHM NTEP III 5S AL IP66 FM	List Price: \$148.00
50619	5 KG 1.5ft 2mV/V 350 OHM NTEP III 5S AL IP66 FM	List Price: \$148.00
50621	7 KG 1.5ft 2mV/V 350 OHM NTEP III 5S AL IP66 FM	List Price: \$148.00
50622	10KG 10KG 1.5ft 2mV/V 350 OHM NTEP III 5S AL IP66 FM	List Price: \$148.00
50623	15KG 15KG 1.5ft 2mV/V 350 OHM NTEP III 5S AL IP66 FM	List Price: \$148.00
50624	20KG 20KG 1.5ft 2mV/V 350 OHM NTEP III 5S AL IP66 FM	List Price: \$148.00
50625	30KG 30KG 1.5ft 2mV/V 350 OHM NTEP III 5S AL IP66 FM	List Price: \$148.00
50626	35KG 1.5ft 2mV/V 350 OHM NTEP III 5S AL IP66 FM	List Price: \$148.00

10ft Cable

PART #	DESCRIPTION	LIST PRICE
132261	3kg 3M 2mv/v 350 Ohm NTEP III 5S AL IP66 FM	List Price: \$148.00
132262	5kg 3M 2mv/v 350 Ohm NTEP III 5S AL IP66 FM	List Price: \$148.00
132263	7kg 3M 2mv/v 350 Ohm NTEP III 5S AL IP66 FM	List Price: \$148.00
132264	10kg 3m 2mv/v 350 Ohm NTEP III 5S AL IP66 FM	List Price: \$148.00
132265	15kg 3M 2mv/v 350 Ohm NTEP III 5S AL IP66 FM	List Price: \$148.00
132266	20kg 3M 2mv/v 350 Ohm NTEP III 5S AL IP66 FM	List Price: \$148.00
132267	30kg 3M 2mv/v 350 Ohm NTEP III 5S AL IP66 FM	List Price: \$148.00
132268	35kg 3M 2mv/v 350 Ohm NTEP III 5S AL IP66 FM	List Price: \$148.00