

Rice Lake RL75040 Alloy Steel, Double-ended Beam Load Cell



As of: Monday, August 3, 2026



Standard Features

Nickel-plated and environmentally sealed with stainless steel plates, this is a double-ended beam that's designed for center mounting and double-link loading. It's compatible with Unilink and Translink™ suspensions up to 75,000 pounds. The RL75040 comes in 25,000- to 125,000-pound capacities and is equipped with 35 feet of cable. Some capacities have 40- or 50-foot cables available.

Approvals

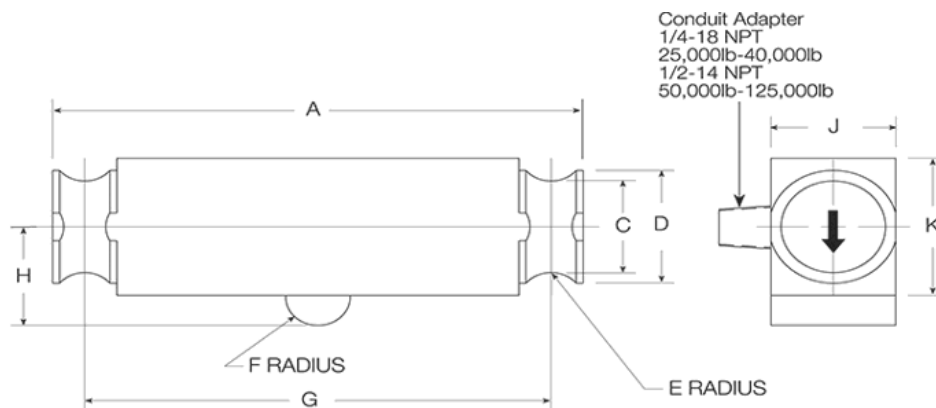


WARNING: Cancer and Reproductive Harm California Proposition 65

RL75040 Load Cell Specifications

Full Scale Output: 3.0 mV/V Output Resistance: 700 (±5) ohm Input Resistance: 770 (±10) ohm pn 87253 and 53593: 686 to 714 ohms Material/Finish: High-alloy steel, nickel plated Temperature: Compensated: 14 to 104 °F (-10 to 40 °C) Operating: 0 to 150 °F (-18 to 65 °C)	Seal Type: Environmentally sealed, IP67 Safe Overload: 150% full scale Safe Sideload: 100% full scale Rated Excitation: 5 to 10 VDC (15 V maximum) Combined Error: 0.03% full scale Insulation Resistance: 1,000 megohm Cable Length: 35 ft 40 ft 50 ft	Cable Diameter: 25,000 lb: 0.200 in 40,000 to 75,000 lb: 0.305 in Polyurethane jacket Cable Color Code: Red +Excitation Black -Excitation Green +Signal White -Signal Warranty: Two-year limited Approvals: NTEP 00-027 cFMus
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RL75040 Load Cell Dimensions



RATED CAPACITY	A	C	D	E	F	G	H	J	K
LB/IN									
25,000 to 60,000 SE	8.25	1.63	2.00	0.50	0.50	7.25	1.75	1.94	2.44
50,000 LE to 75,000	11.50	1.70	2.20	0.75	1.00	10.00	2.00	1.94	2.94
100,000 to 125,000	14.50	2.44	3.20	1.00	1.50	12.50	2.75	2.90	3.86

35ft Cable

PART #	DESCRIPTION	LIST PRICE
21614	25,000lb 35ft 3mv/v 700 Ohm NTEP IIIL 10M WW IP67	List Price: \$675.00
21615	40,000lb 35ft 3mv/v 700 Ohm NTEP IIIL 10M WW IP67	List Price: \$805.00
21616	LE 50,000lb 35ft 3mv/v 700 Ohm NTEP IIIL 10M WW IP67	List Price: \$885.00
21617	60,000lb 35ft 3mv/v 700 Ohm NTEP IIIL 10M WW IP67 LE 11.5in	List Price: \$885.00
21618	75,000lb 35ft 3mv/v 700 Ohm NTEP IIIL 10M WW IP67	List Price: \$885.00
21619	100K 100,000lb 35ft 3mv/v 700 Ohm NTEP IIIL 10M WW IP67	List Price: \$1,669.00
21620	125K 125,000lb 35ft 3mv/v 700 Ohm NTEP IIIL 10M WW IP67	List Price: \$1,669.00

40ft Cable

PART #	DESCRIPTION	LIST PRICE
87253	SE 50,000lb 40ft 3mv/v 700 ohm WW NTEP IIIL 10M IP67	List Price: \$805.00
53593	60K SE 60,000lb 40ft 3mV/V 700 Ohm WW NTEP IIIL 10m IP67	List Price: \$805.00

50ft Cable

PART #	DESCRIPTION	LIST PRICE
21621	50,000lb 50ft 3mv/v 700 Ohm NTEP IIIL 10M WW IP67	List Price: \$925.00
21622	60,000lb 50ft 3mv/v 700 Ohm NTEP IIIL 10M WW IP67	List Price: \$925.00
40951	75k 50ft 3mV/V 700 OHM WW NTEP IIIL 10M IP67	List Price: \$925.00