

Rice Lake RLPC6 Stainless Steel, Single Point Load Cell



As of: Monday, July 27, 2026



Standard Features

Stainless steel, hermetically sealed single point load cell ideal for wet environments.

NTEP Certified and comes with 3 m of cable. Capacities range from 10 to 200 kg.

Approvals

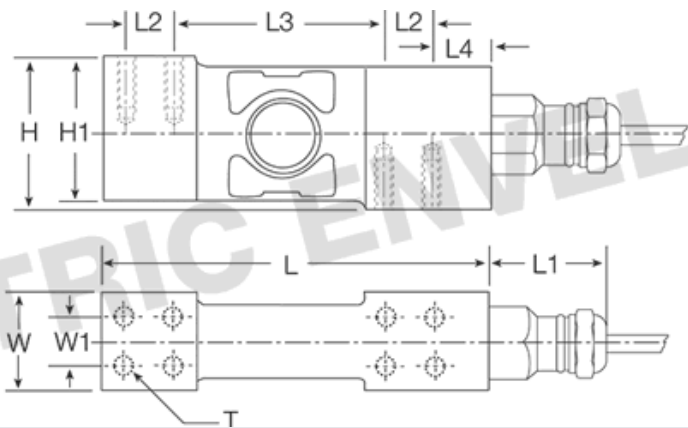


WARNING: Cancer and
Reproductive Harm
California Proposition 65

RLPC6 Load Cell Specifications

Full Scale Output: 2.0 mV/V	Safe Overload: 200% full scale	Deflection at Capacity: 0.15 to 0.25 mm
Output Resistance: 960 (±50) ohm, nominal	Safe Sideload: 100% full scale	Cable Color Code: Green +Excitation
Input Resistance: 1,100 (±50) ohm	Rated Excitation: 5 to 10 VDC	Black –Excitation
Material/Finish: Stainless steel	Combined Error: 0.02% full scale	White +Signal
Temperature: Compensated: 14 °F to 104 °F (-10 °C to 40 °C)	Insulation Resistance: 5,000 megohm	Red –Signal
Operating: 0 °F to 150 °F (-18 °C to 65 °C)	Cable Length: 3 m	Yellow Shield
Seal Type: Hermetically sealed, IP69K	Cable Diameter: 5 mm	Max Platform Size: 610 × 610 mm
	Polyurethane jacket	Warranty: Two-year limited
		Approvals: NTEP 06-011
		FM

RLPC6 Load Cell Dimensions



RATED CAPACITY	H	H1	L	L1	L2	L3	L4	W	W1	T
KG/MM										
10 to 200	48.0	45.5	123.0	41.0	15.2	67.6	17.8	30.1	15.2	8 × M6/15 DP

PART #	DESCRIPTION	LIST PRICE
87027	2 mv/v 1000 ohm 10ft SS HS FM IP69k NTEP III 5 S	List Price: \$630.00
87028	2 mv/v 1000 ohm 10ft SS HS FM IP69K NTEP III 5 S	List Price: \$630.00
87029	2 mv/v 1000 ohm 10ft SS HS FM IP69K NTEP III 5 S	List Price: \$630.00
87030	2 mv/v 1000 ohm 10ft SS HS FM IP69K NTEP III 5 S	List Price: \$630.00
87031	2mv/v 1000 ohm 10ft SS HS FM IP69K NTEP III 5 S	List Price: \$630.00

www.ricelake.com | 800-472-6703

An ISO 9001 Registered Company ©2026 Rice Lake Weighing Systems