

Rice Lake RLCSP1 Stainless Steel, Compression Canister Load Cell



As of: Monday, July 27,
2026



Standard Features

Welded-seal, stainless steel canister cell designed for vehicle and process applications. High capacity load cell is built for reliability, durability and extreme precision. Ideal for applications where optimal precision and durability are needed. Capacities range from 25,000 to 200,000 lb. Complete with 35 or 80 ft of load cell cable.

Approvals

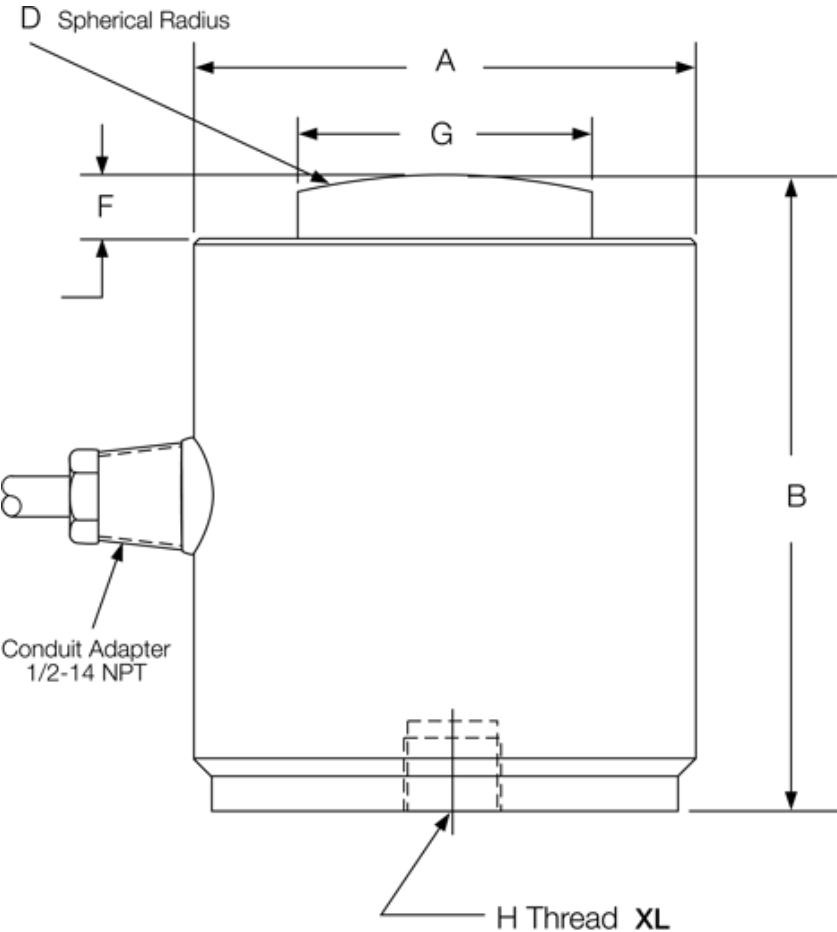


WARNING: Cancer and
Reproductive Harm
California Proposition
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RLCSP1 Load Cell Specifications

Full Scale Output: 2.0 mV/V Output Resistance: 475.2 to 484.8 ohm Input Resistance: 445.5 to 454.5 ohm Material/Finish: Stainless steel Temperature: Compensated: 14 °F to 104 °F (-10 °C to 40 °C) Operating: 0 °F to 150 °F (-18 °C to 65 °C) Seal Type: Welded-seal, IP67	Safe Overload: 150% full scale Rated Excitation: 5 to 10 VDC (15 V maximum) Combined Error: 0.03% full scale Non-repeatability: 0.01% full scale Insulation Resistance: 1,000 megohm Deflection at Capacity: 25,000 to 50,000 lb: 0.003 in 100,000 to 125,000 lb: 0.006 in	Cable Length: 35 ft 80 ft Cable Diameter: 0.305 in Polyurethane jacket Cable Color Code: Green +Excitation Black –Excitation White +Signal Red –Signal Orange Shield Warranty: Two-year limited Approvals: NTEP 95-140
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RLCSP1 Load Cell Dimensions



RATED CAPACITY	A	B	D	F	G	H	L-DEPTH
LB/IN							
25,000 to 50,000	3.00	3.25	6.00	0.40	1.25	1/2-20 UNF	0.31
100,000	4.00	5.00	6.00	0.51	2.31	3/4-16 UNF	0.56
200,000	6.00	7.25	17.00	1.04	3.13	3/4-16 UNF	0.75

35ft Cable

PART #	DESCRIPTION	LIST PRICE
32702	T10 25,000lb 35ft 2mV/V 480 OHM EW NTEP IIIL 10M SST WS IP67	List Price: \$1,925.00
32701	T10 50,000lb 35ft 2mV/V 480 OHM EW NTEP IIIL 10M SST WS IP67	List Price: \$1,925.00
32700	-T10 100,000lb 35ft 2mV/V 480 OHM EW NTEP IIIL 10M SST WS IP67	List Price: \$2,250.00
32699	-T10 200,000lb 35ft 2mV/V 480 OHM EW NTEP IIIL 10M SST WS IP67	List Price: \$3,175.00

80ft Cable

PART #	DESCRIPTION	LIST PRICE
197788	-T10 200,000lb 80ft 2mv/v 480 OHM EW NTEP IIIL 10M SST WS IP67	List Price: \$3,350.00

www.ricelake.com | 800-472-6703

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