

Rice Lake RL35023S Coated Stainless Steel, Single-Ended Beam Load Cell



As of: Monday, August 3, 2026



Standard Features

A version of the RL35023S stainless steel load cell but with the added protection of a proprietary coating. This coating protects the load cell element in dry chemical applications that would normally cause standard stainless steel load cells to fail. Capacities available from 1,000 lb to 10,000 lb.

Approvals





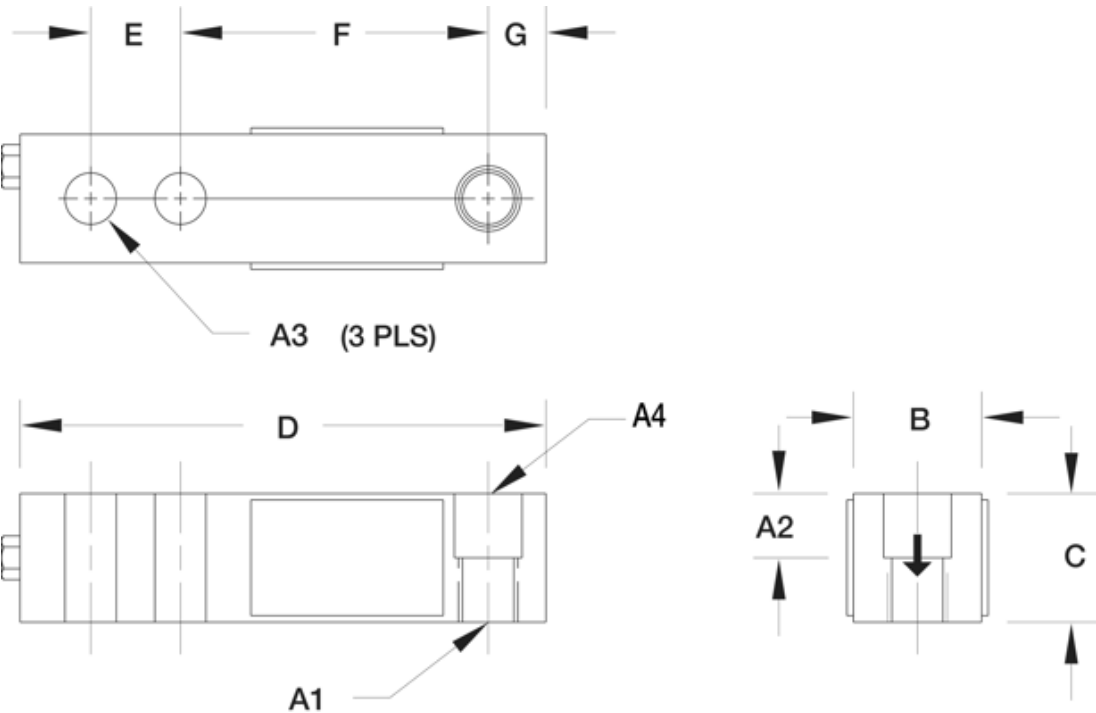
WARNING: Cancer and Reproductive Harm
California Proposition 65

RL35023S Coated Load Cell Specifications

Full Scale Output: 3.0 mV/V Output Resistance: 349 to 355 ohm Input Resistance: 343 to 357 ohm Material/Finish: Stainless steel, coated Temperature: Compensated: 14 °F to 104 °F (-10 °C to 40 °C) Operating: 0 °F to 150 °F (-18 °C to 65 °C)	Safe Overload: 150% full scale Safe Sideload: 100% full scale Rated Excitation: 5 to 10 VDC (15 V maximum) Combined Error: 0.02% full scale Insulation Resistance: 5,000 megohm Deflection at Capacity: 10,000 lb: 0.025 to 0.035 in	Cable Length: 20 ft Cable Diameter: 0.200 in Polyurethane jacket Cable Color Code: Red +Excitation Black –Excitation Green +Signal White –Signal Warranty: Two-year limited Approvals: cFMus
---	--	--

Seal Type: Environmentally sealed, IP67	NTEP 94-134
---	-------------

RL35023S Coated Load Cell Dimensions



RATED CAPACITY	A1	A2	A3	A4	B	C	D	E	F	G
LB/IN										
10,000	3/4-16 UNF	0.75	0.78	0.78 dia	1.50	1.50	6.75	1.50	3.75	0.75

PART #	DESCRIPTION	LIST PRICE
182759	10k 10000lb 20ft 3mv/v 350 Ohm WW NTEP III 5M SST MLC coated	List Price: \$466.00

Conduit Adapter Kit* (must be factory installed to maintain warranty)

PART #	DESCRIPTION	LIST PRICE
31533	3/8-24UNF Thread Nipple	List Price: \$40.00
31534	1/4-18 NPT 3/8-24UNF-ZA	List Price: \$40.00