

Rice Lake RL82021 Stainless Steel, Rocker Column Load Cell



As of: Monday, August 3,
2026



Standard Features

The RL82021 is a stainless steel, hermetically sealed rocker-style load cell. It features built-in lightning protection and stainless steel overbraided cable. It is available in 30- and 40-ton capacities with 18 meters of cable.

Approvals



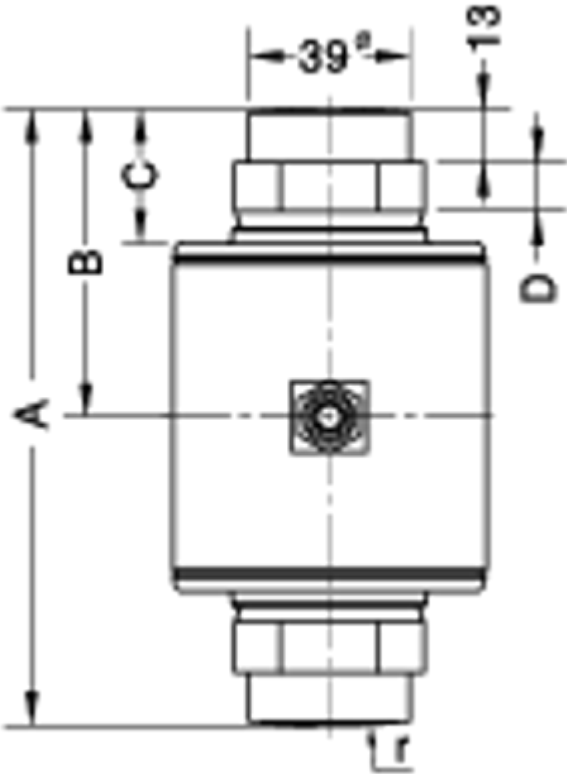
WARNING: Cancer
and Reproductive
Harm California
Proposition 65

RL82021 Load Cell Specifications

Full Scale Output: 2.0 mV/V Output Resistance: 1,005 (±5) ohm Input Resistance: 1,150 (±50) ohm Material/Finish: Stainless steel Temperature: Compensated: 14 to 104 °F (-10 to 40 °C)	Seal Type: Hermetically sealed, IP69K Safe Overload: 120% full scale Rated Excitation: 5 to 10 VDC Combined Error: 0.013% full scale Non-repeatability: 0.01% full scale	Deflection at Capacity: 0.621 mm Cable Length: 18 m overbraided cable Cable Color Code: Green +Excitation Black -Excitation Red +Signal White -Signal Blue +Sense Yellow -Sense
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Operating: 0 to 150 °F (-18 to 65 °C)	Insulation Resistance: 5,000 megohm	Warranty: Two-year limited Approvals: NTEP 21-071
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RL82021 Load Cell Dimensions



RATED CAPACITY	A	B	C	D	BALL R
LB/IN					
30,000	5.51	2.76	1.10	0.28	7.09
40,000	5.91	2.95	1.30	0.47	7.87

PART #	DESCRIPTION	LIST PRICE
221271	30t 18m over braid 6 cond 2 mv/v 1000 Ohm NTEP IIIL 10M SST IP69 Surge Protection cFMus	List Price: \$695.00
207495	40t 18m over braid 6 cond 2mv/v 1000 Ohm NTEP IIIL 10M SST IP69K Surge Protection cFMus	List Price: \$695.00

Load Cup Kits

PART #	DESCRIPTION	LIST PRICE
223356	30t capacity load cell. Kit includes upper and lower cups, o-ring washers and bolts. Zinc plated alloy steel	List Price: \$110.00
223357	40t capacity load cell. Kit includes upper and lower cups, o-ring washers and bolts. Zinc plated alloy steel	List Price: \$110.00

www.ricelake.com | 800-472-6703

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