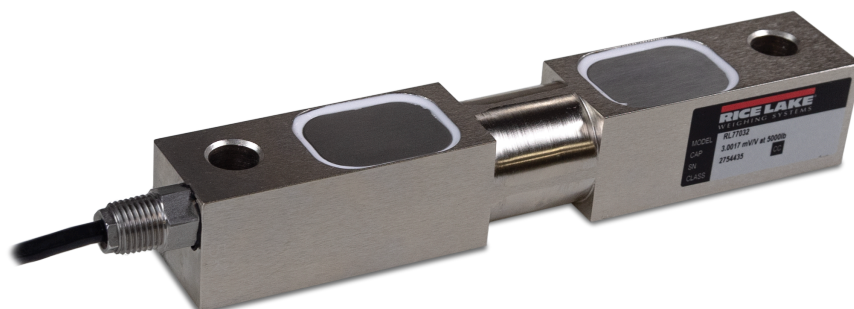


Rice Lake RL77032 Alloy Steel, Double-ended Beam Load Cell



As of: Monday, August 3,
2026



Standard Features

This alloy steel double-ended beam load cell features center loading, with capacities ranging from 1,000 to 75,000 pounds. It's designed for tank and hopper applications and has 25 feet of cable.

Approvals

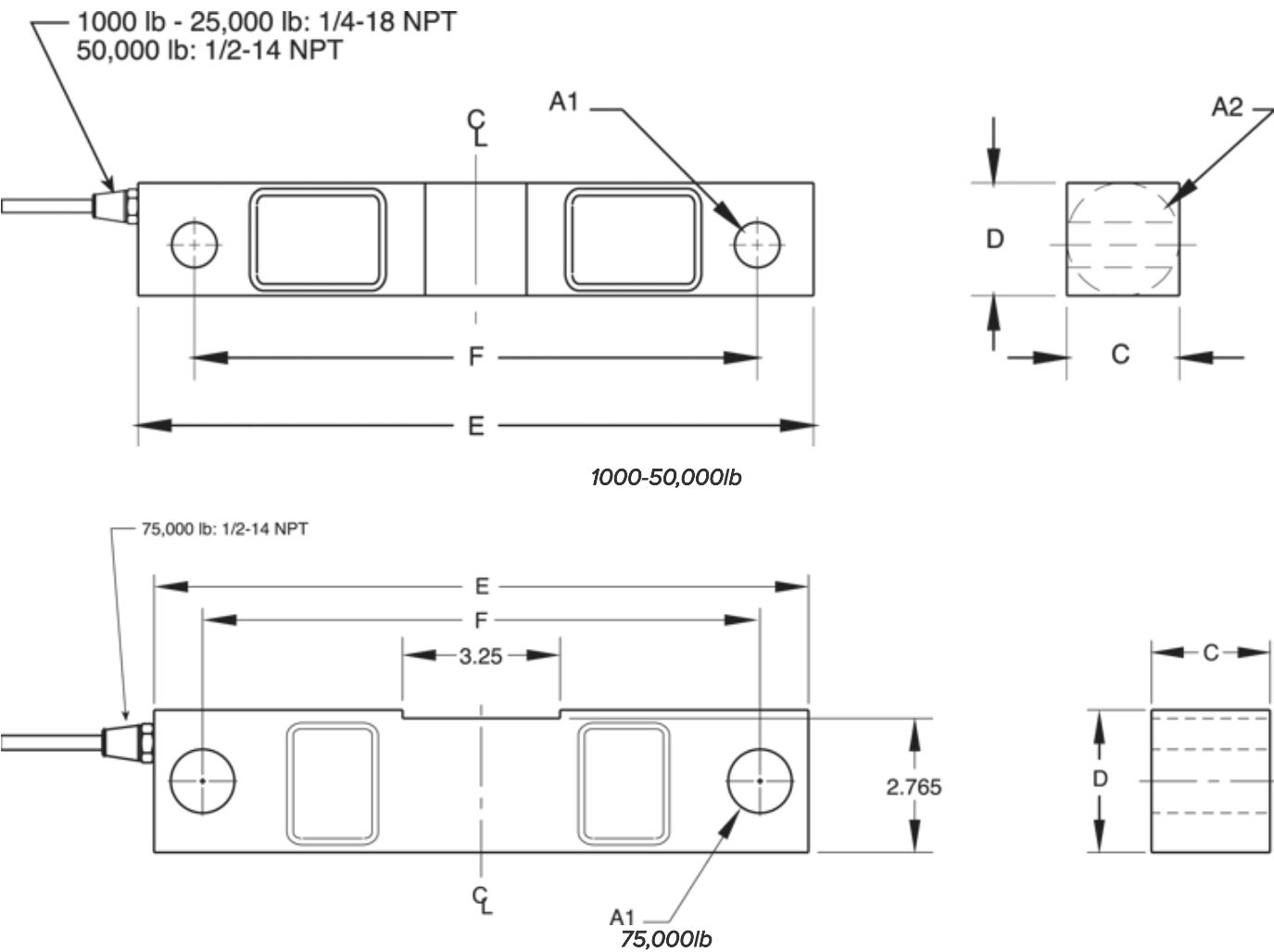


WARNING: Cancer and
Reproductive Harm
California Proposition
65

RL77032 Load Cell Specifications

Full Scale Output: 3.0 mV/V	Safe Sideload: 100% full scale	Insulation Resistance: 5,000 megohm
Output Resistance: 700 (±5) ohm	Rated Excitation: 5 to 10 VDC	Cable Length: 25 ft
Input Resistance: 770 (±10) ohm	Nonlinearity: 0.03% full scale	Cable Color Code: Red +Excitation
Material/Finish: High-alloy steel, nickel plated	Hysteresis: 0.02% full scale	Black -Excitation
Temperature: Operating: 0 to 150 °F (-18 to 65 °C)	Deflection at Capacity: 1,000 to 2,500 lb: 0.01 in 5,000 lb: 0.015 in 10,000 to 20,000 lb: 0.022 in 25,000 lb: 0.036 in 50,000 lb: 0.052 in 75,000 lb: 0.07 in	Green +Signal White -Signal
Seal Type: Environmentally sealed, IP67		Warranty: Two-year limited
Safe Overload: 150% full scale		Approvals: cFMus

RL77032 Load Cell Dimensions



RATED CAPACITY	A1	A2	C	D	E	F
LB/IN						
1,000 to 5,000	0.50	1.25	1.25	1.25	7.50	6.25
10,000 to 25,000	0.81	1.99	1.44	1.94	8.75	7.50
50,000	1.31	3.00	2.44	2.94	13.50	11.50
75,000	1.31	—	2.44	2.94	13.50	11.50

PART #	DESCRIPTION	LIST PRICE
221536	1000lb 25ft 3mv/v 700 Ohm FM IP67 WW Alloy Steel	List Price: \$555.00
221537	1500lb 25ft 3mv/v 700 Ohm FM IP67 WW Alloy Steel	List Price: \$555.00
221538	2000lb 25ft 3mv/v 700 Ohm FM IP67 WW Alloy Steel	List Price: \$555.00
221539	2500lb 25ft 3mv/v 700 Ohm FM IP67 WW Alloy Steel	List Price: \$555.00
221540	3000lb 25ft 3mv/v 700 Ohm FM IP67 WW Alloy Steel	List Price: \$555.00
221541	5000lb 25ft 3mv/v 700 Ohm FM IP67 WW Alloy Steel	List Price: \$555.00
221542	10000lb 25ft 3mv/v 700 Ohm FM IP67 WW Alloy Steel	List Price: \$635.00

PART #	DESCRIPTION	LIST PRICE
221543	15000lb 25ft 3mv/v 700 Ohm FM IP67 WW Alloy Steel	List Price: \$635.00
221544	20000lb 25ft 3mv/v 700 Ohm FM IP67 WW Alloy Steel	List Price: \$635.00
221545	25000lb 25ft 3mv/v 700 Ohm FM IP67 WW Alloy Steel	List Price: \$635.00
221546	50000lb 25ft 3mv/v 700 Ohm FM IP67 WW Alloy Steel	List Price: \$980.00
221547	75000lb 25ft 3mv/v 700 Ohm FM IP67 WW Alloy Steel	List Price: \$980.00

www.ricelake.com | 800-472-6703

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