

Rice Lake RL32018S-P Stainless Steel, Single-ended Beam Load Cell



As of: Monday, August 3,
2026



Standard Features

This load cell is sealed to IP69K standards, has a 3-millivolt output and is FM approved. It has capacities available from 1,000 to 10,000 pounds and comes complete with 20 feet of PTFE cable.

Approvals



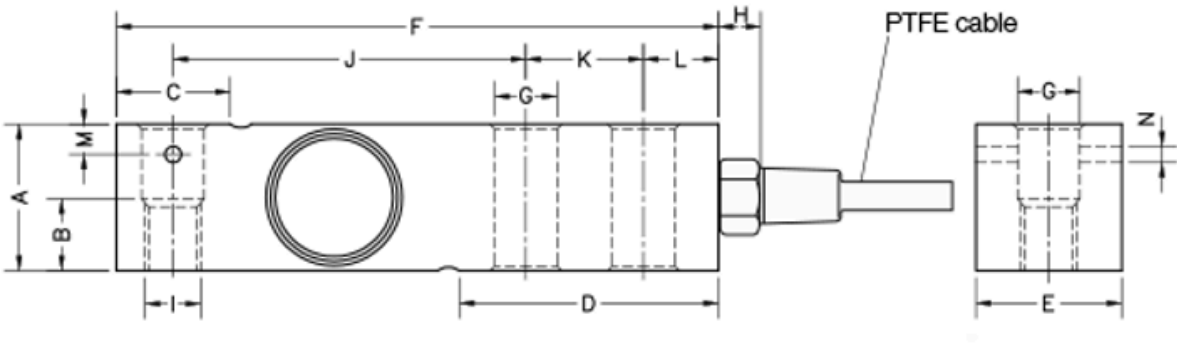


WARNING: Cancer and
Reproductive Harm
California Proposition 65

RL32018S-P Load Cell Specification

Full Scale Output: 3.0 mV/V $\pm$0.05% mV/V/ohm calibration Output Resistance: 350 ($\pm$ 3) ohm Input Resistance: 400 ($\pm$ 20) ohm Material/Finish: Stainless steel Temperature: Compensated: -14 to 104 °F (-10 to 40 °C) Operating: 0 to 150 °F (-18 to 65 °C)	Seal Type: Hermetically sealed, IP69K Safe Overload: 150% full scale Safe Sideload: 100% full scale Rated Excitation: 10 VDC (15 V maximum) Combined Error: 0.017% full scale Insulation Resistance: >5,000 megohm	Deflection at Capacity: 0.2 to 0.4 mm Cable Length: 20 ft PTFE cable Cable Color Code: Red +Excitation Black -Excitation Green +Signal White -Signal Warranty: Two-year limited Approvals: cFMus
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RL32018S-P Load Cell Dimensions



RATED CAPACITY	A	B	C	D	E	F	G	H	I	J	K	L	M	N
LB/IN														
1,000 to 5,000 SE	1.24	0.59	0.96	2.20	1.25	5.12	0.53	0.70	1/2-20 UNF	3.00	1.00	0.62	0.25	0.13
5,000 LE to 10,000	1.50	—	1.45	2.99	1.50	6.75	0.80	0.70	3/4-16 UNF	3.75	1.50	0.75	—	—

PART #	DESCRIPTION	LIST PRICE
190654	1000lb 20ft PTFE 3 mv/v 350 Ohm FM WW SST IP69K	List Price: \$375.00
190655	2000lb 20ft PTFE 3 mv/v 350 Ohm FM WW SST IP69K	List Price: \$375.00
190656	2500lb 20ft PTFE 3 mv/v 350 Ohm FM WW SST IP69K	List Price: \$375.00
190657	4000lb 20ft PTFE 3 mv/v 350 Ohm FM WW SST IP69K	List Price: \$375.00
190659	5000LB 20ft PTFE 3 mv/v 350 Ohm FM WW SST IP69K	List Price: \$415.00
190660	10000LB 20ft PTFE 3 mv/v 350 Ohm FM WW SST IP69K	List Price: \$415.00

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