



Standard Features

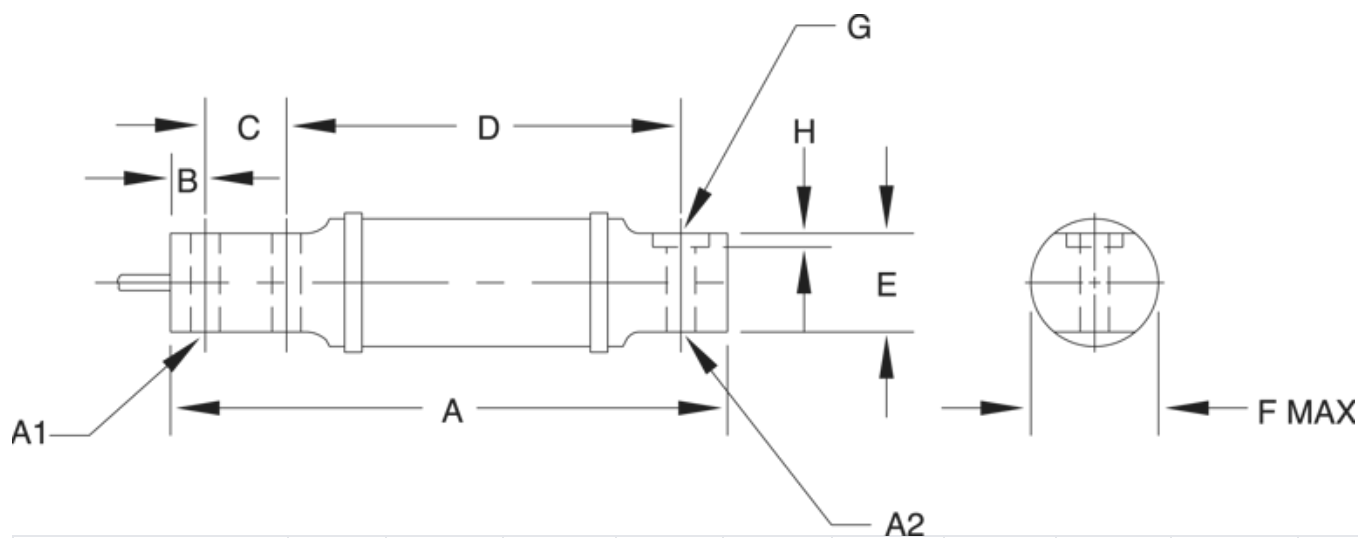
Ideal for precision force and weight measurement, this load cell has a capacity range from 50 to 2,500 pounds and is complete with 10 feet of cable.

WARNING: Cancer and
Reproductive Harm
California Proposition 65

RL40BBS Load Cell Specifications

Full Scale Output: 2.0 mV/V Output Resistance: 750 (±10) ohm Input Resistance: 800 (±50) ohm Material/Finish: High-alloy steel, nickel plated Temperature: Operating: 0 to 150 °F (-18 to 65 °C) Seal Type: Environmentally sealed with neoprene sleeve, IP65	Safe Overload: 150% full scale Rated Excitation: 5 to 10 VDC (15 V maximum) Nonlinearity: 0.03% full scale Hysteresis: 0.02% full scale Insulation Resistance: 5,000 megohm Deflection at Capacity: 50 lb: 0.015 in 100 lb: 0.005 in 200 to 250 lb: 0.030 in 500 lb: 0.025 in 1,000 lb: 0.040 in 2,500 lb: 0.120 in	Cable Length: 10 ft Cable Diameter: 0.200 in Polyurethane jacket Cable Color Code: Green +Excitation Black -Excitation White +Signal Red -Signal Warranty: Two-year limited
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RL40BBS Load Cell Dimensions



RATED CAPACITY	A	A1	A2	B	C	D	E	F	G	H
LB/IN										
50 to 100	6.00	0.31	0.31	0.38	0.88	4.25	1.06	1.41	—	—
200 to 1,000	6.62	0.52	0.52	0.50	1.12	4.25	1.06	1.41	—	—
2,500	11.38	0.53	0.62	0.50	1.75	8.25	1.25	2.19	1.19	0.12

PART #	DESCRIPTION	LIST PRICE
17395	50lb 10ft 2mv/v 750 Ohm EW IP65	List Price: \$595.00
17343	100lb 10ft 2mv/v 750 Ohm EW IP65	List Price: \$595.00
17396	200lb 10ft 2mv/v 750 Ohm EW IP65	List Price: \$595.00
17397	250lb 10ft 2mv/v 750 Ohm EW IP65	List Price: \$595.00
17398	500lb 10ft 2mv/v 750 Ohm EW IP65	List Price: \$595.00
17344	1000lb 10ft 2mv/v 750 Ohm EW IP65	List Price: \$595.00
17345	2.5K 2500lb 10ft 2mv/v 350 Ohm EW IP65	List Price: \$895.00

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