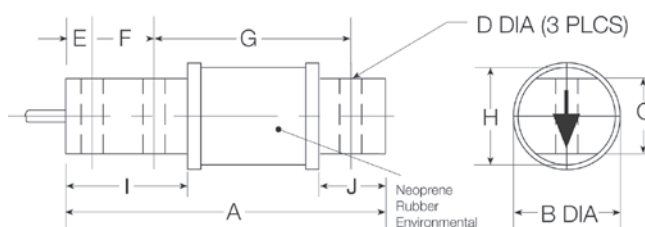


RL50210

Single-ended Beam, Alloy Steel, IP65



Picture is a representation of actual product



Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

349-355 ohms

Input Resistance:

360-450 ohms

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Operating range
-40° F to 150° F / -40° C to 65° C

Safe Overload:

150% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Nonlinearity:

0.03% full scale

Hysteresis:

0.02% full scale

Insulation Resistance:

5,000 megohms

Deflection at Capacity:

25 lb-50 lb=0.008 in (0.20 mm)
100 lb=0.010 in (0.25 mm)
150 lb=0.012 in (0.30 mm)
250 lb=0.016 in (0.41 mm)
500 lb=0.025 in (0.64 mm)

Seal Type:

Environmentally sealed with neoprene sleeve, IP65

Cable Length:

20 ft (6.1 m)

Cable Diameter:

0.200 polyurethane jacket

Cable Color Code:

Red+ Excitation
Black.....- Excitation
Green+ Signal
White- Signal

Warranty:

Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	I	J
lb/inches										
25-500	2.81	1.30	0.62	0.26	0.25	0.50	1.81	1.00	1.00	0.50
kg/mm										
11.3-226.8	71.4	33.0	15.8	6.6	6.4	12.7	46.0	25.4	25.4	12.7

Order Information

LOAD RATING		PART #	EST. SHIPPING WEIGHT	PRICE
25 lb	(11.3 kg)	17385	2 lb	Consult
50 lb	(22.7 kg)	17380	2 lb	Consult
100 lb	(45.4 kg)	17381	2 lb	Consult
150 lb	(68.0 kg)	17382	2 lb	Consult
250 lb	(113.4 kg)	17383	2 lb	Consult
500 lb	(226.8 kg)	17384	2 lb	Consult

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Sensortronics®	60040	310
Artech®	50210	—
VPG Revere®	5503	—
Rice Lake Weighing Systems	RL50210SS	144

Weigh Module Available

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL50210TA	52