

# RL50210

Alloy Steel, Environmentally Sealed, IP65



Picture is a representation of actual product.

### Approvals

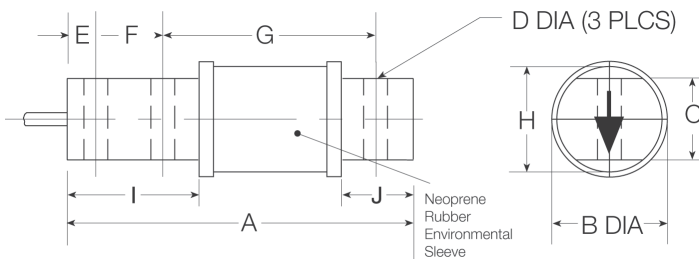


### Order Information

Load Rating	Part #	Est. Weight	Price
25 lb	17385	2 lb	Consult
50 lb	17380	2 lb	Consult
100 lb	17381	2 lb	Consult
150 lb	17382	2 lb	Consult
250 lb	17383	2 lb	Consult
500 lb	17384	2 lb	Consult

### Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	I	J
lb/in										
25 to 500	2.81	1.30	0.62	0.26	0.25	0.50	1.81	1.00	1.00	0.50



RICE LAKE  
LOAD CELLS

### Interchangeable Products

- RICE LAKE WEIGHING SYSTEMS
- RL50219SS.....page 121
- VPG® SENSORTRONICS®
- 60040 ..... page 286
- ARTECH®
- 50210
- VPG® REVERE
- 5503

### Weigh Module Available

- RICE LAKE WEIGHING SYSTEMS
- RL50210TA..... page 41

### Specifications

- Full Scale Output:**  
3.0 mV/V
- Output Resistance:**  
349 to 355 ohm
- Input Resistance:**  
360 to 450 ohm
- Material/Finish:**  
High-alloy steel, nickel plated
- Temperature:**  
Operating:  
0 °F to 150 °F (-18 °C 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:**  
25 to 50 lb: 0.008 in  
100 lb: 0.010 in  
150 lb: 0.012 in  
250 lb: 0.016 in  
500 lb: 0.025 in
- Cable Length:**  
20 ft
- Cable Diameter:**  
0.200 in  
Polyurethane jacket
- Cable Color Code:**  
Red +Excitation  
Black -Excitation  
Green +Signal  
White -Signal
- Warranty:**  
Two-year limited
- Approvals:**  
cFMus