

## Low Profile Bending Beam



### FEATURES

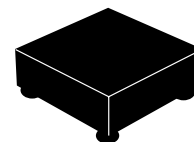
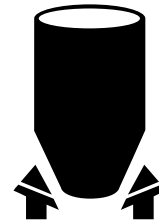
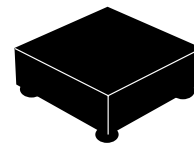
- Rated capacities of 50 to 300 pounds
- Compact, low profile design
- *Sensorgage*™ sealed to IP65 standards
- *Cell Guard*™ Two Year Warranty
- Factory Mutual System Approved for Classes I, II, III; Divisions 1 and 2; Groups A through G. Also, Non-incendive ratings (No Barriers!).
- ISO 9001:2000 Certified manufacturing facilities

### APPLICATIONS

- Bin and hopper weighing
- Belt conveyor scales
- Netweighing

<b>RATED CAPACITIES</b>
lbs
50, 75, 150, 300

<b>FULL SCALE OUTPUT (FSO)</b>
lbs
3.0 mV/V +15% / -10%



**ISO**  
**9001:2000**

**Factory Mutual System**  
 Approved



ACCURACY CLASS	
	STANDARD
Max. No. Verification Intervals	--
Combined Error % FSO	≤ 0.03
Nonlinearity % FSO	≤ 0.03
Hysteresis % FSO	≤ 0.02
Creep Error % FSO	≤ 0.03 in 20 minutes
Temperature Effect on:	
• Zero % FSO/°F	≤ 0.0015
• Output % of Load/°F	≤ 0.0008

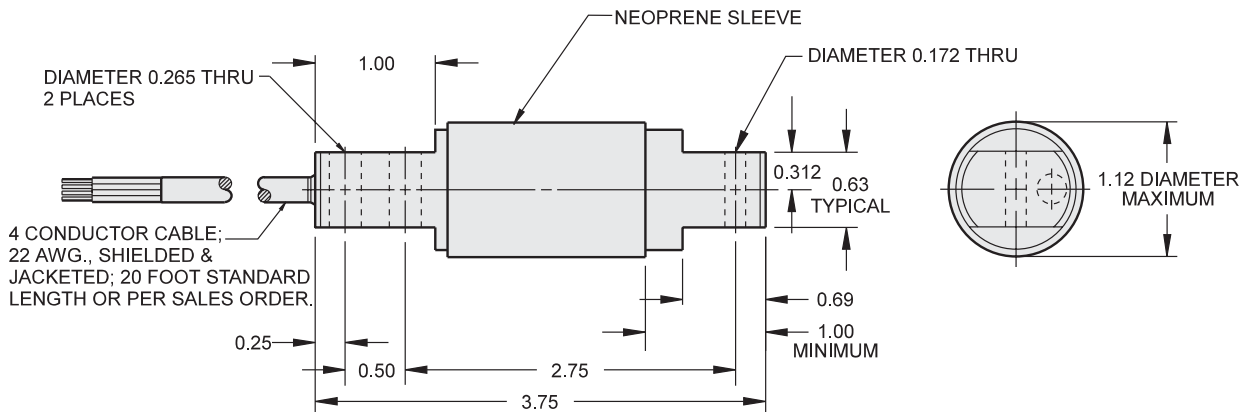
**PERFORMANCE SPECIFICATIONS**

- Non-Repeatability % FSO:** ≤ 0.1
- Zero Balance % FSO:** ≤ 1.0
- Insulation Resistance:** >1000 Mohms at 50 VDC
- Compensated Temp. Range:** 14° to 104°F [-10° to 40°C]
- Operating Temp. Range:** 0° to 150°F [-18° to 65°C]
- Storage Temp. Range:** -60° to 185°F [-50° to 85°C]
- Input Resistance:** 380-450 Ohms
- Output Resistance:** 349-355 Ohms
- Recommended Excitation Voltage:** 10 Volts DC
- Maximum Excitation Voltage:** 15 Volts DC
- Safe Overload:** 150% of Rated Capacity
- Ultimate Overload:** 300% of Rate Capacity
- Sealing:** Meets IP65 Standards
- Material:** Alloy Tool Steel
- Finish:** Electroless Nickel Plated

CAPACITY		
	DEFLECTION	WEIGHT
50 - 75	0.012	3.0
150 - 300	0.018	3.0

Dimensions are in inches. Capacities are in pounds. Deflection is ±10%. Specifications are subject to change. Certified drawings are available.

**DIMENSIONAL OUTLINE DRAWING** in inches



**WIRING**

+ Excitation = Red; - Excitation = Black; + Output = Green; - Output = White

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