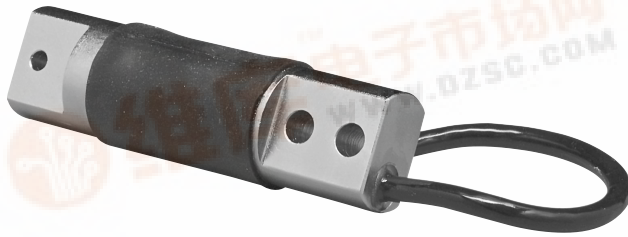




Low Profile Bending Beam



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

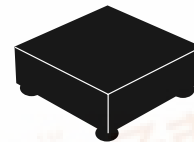
- Bin and hopper weighing
- Belt conveyor scales
- Netweighing

RATED CAPACITIES

lbs
50, 75, 150, 300

FULL SCALE OUTPUT (FSO)

lbs
3.0 mV/V +15% / -10%



ISO
9001:2000

Factory
Mutual
System
Approved



60030

Vishay Sensortronics

Low Profile Bending Beam



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

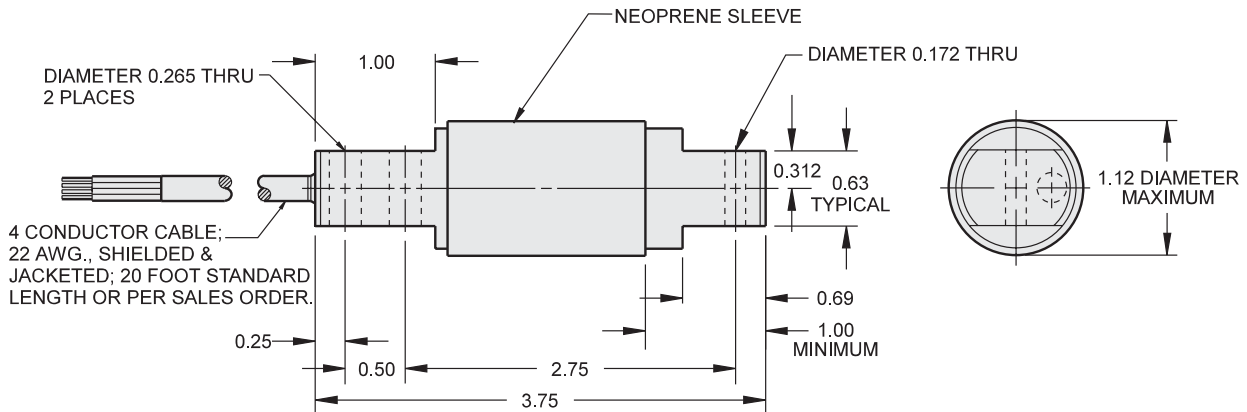
Material: Alloy Tool Steel

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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