

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

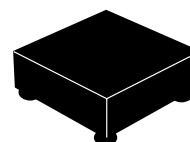
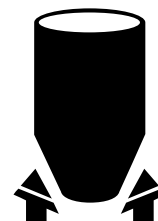
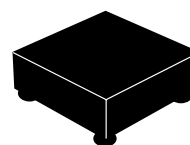
lbs

50, 75, 150, 300

FULL SCALE OUTPUT (FSO)

lbs

3.0 mV/V +15% / -10%



ISO
9001:2000

**Factory
Mutual
System**
Approved

IP
65

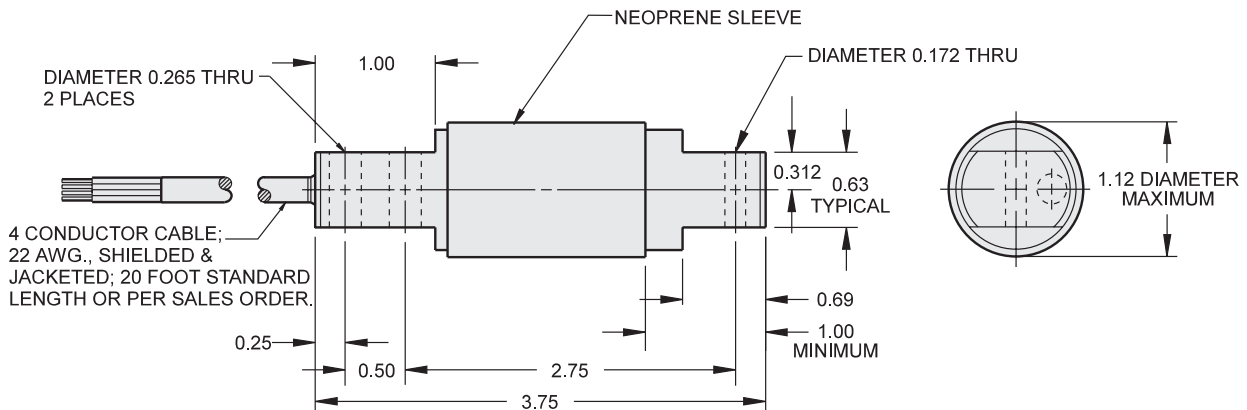
ACCURACY CLASS

	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 • Output % of Load/°F	≤ 0.0015 ≤ 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 $\pm 10\%$. 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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