

## MODEL 60040

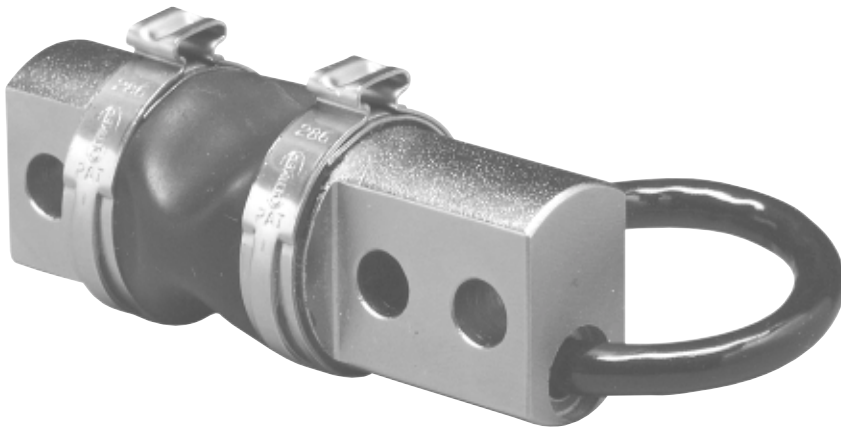
### LOW PROFILE BENDING BEAM

#### APPLICATIONS

- Bin and hopper weighing
- Belt conveyor scales
- Netweighing

#### FEATURES

- Rated capacities of 25 to 500 pounds
- Tension or compression loading capabilities
- Companion tank weighing assemblies available (65059 TWA)
- Meets NIST H-44 requirements
- 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 Certified manufacturing facilities



ISO  
9001

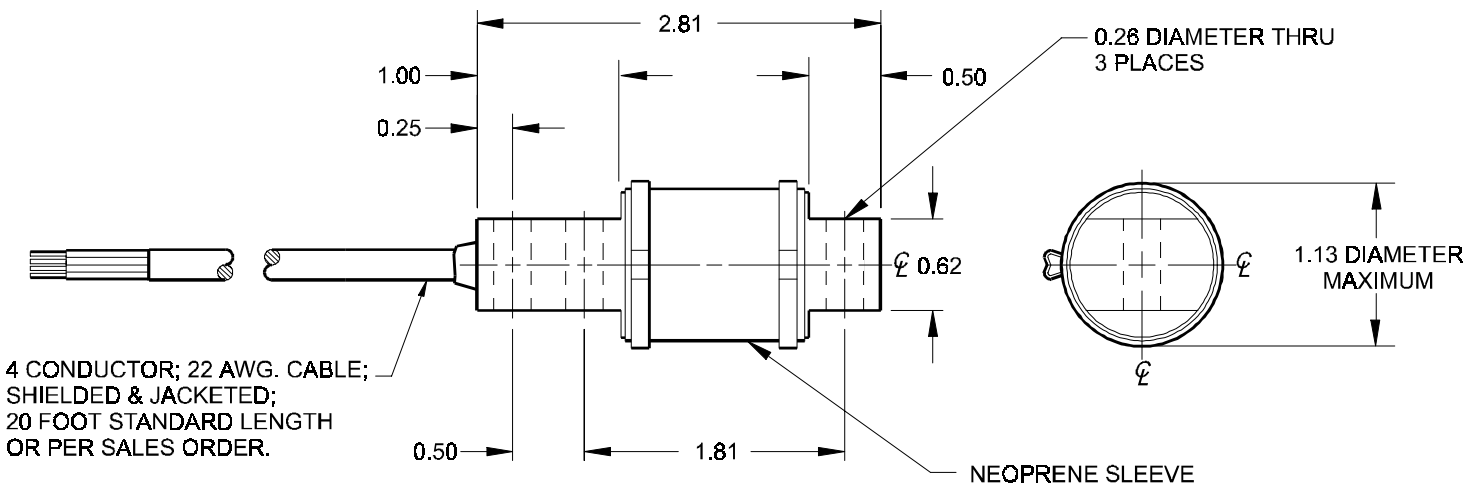
Factory  
Mutual  
System  
Approved



# Model 60040 Performance Specifications

Rated Capacities (lbs): 25, 50, 75, 100, 150, 250, 500  
 Full Scale Output (FSO): 3.0 mV/V +15% / -10%

Accuracy Class:	<u>Standard</u>
Combined Error % FSO	≤ .03
Non-Linearity % FSO	≤ .03
Hysteresis % FSO	≤ .02
Creep Error % FSO	≤ 0.03 in 20 minutes
Temperature Effect on:	
• Zero % FSO/°F	≤ 0.0015
• Output % of Load/°F	≤ 0.0008
Non-Repeatability % FSO	≤ .01
Zero Balance % FSO	≤ 1.0
Insulation Resistance	> 1000 Mohms at 50VDC
Compensated Temperature Range	14° to 104°F / -10° to 40°C
Operating Temperature Range	0° to 150°F / -18° to 65°C
Storage Temperature 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 Rated Capacity
Sealing	Meets IP65 Standards
Material	Alloy Tool Steel
Finish	Electroless Nickel



## WIRING

FUNCTION	COLOR
+ Excitation	Red
- Excitation	Black
+ Output	Green
- Output	White

CAPACITY	Deflection	Weight
25 - 50	0.008	1.0
75 - 100	0.010	1.0
150	0.012	1.0
250	0.016	1.0
500	0.023	1.0

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