

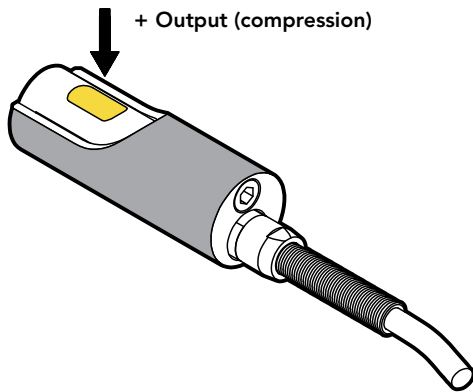




FEATURES

- Ideal for automotive or medical applications
- Slim design
- Strain gauge based

-  Active end
-  Fixed end



SPECIFICATIONS

PERFORMANCE

Nonlinearity	±0.5% of RO
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ELECTRICAL

Rated Output (RO)	2 mV/V
Excitation (VDC or VAC)	18 max
Bridge Resistance	1000 Ohm nom
Insulation Resistance	≥500 MOhm @ 50 VDC
Connection	#28 AWG, 4 conductor, spiral shielded PVC cable, 10 ft [3 m] long
Wiring Code	WC1

MECHANICAL

Weight	0.7 oz [20 g]
Safe Overload	200% of RO
Material	Aluminum, red anodized
IP Rating	IP40

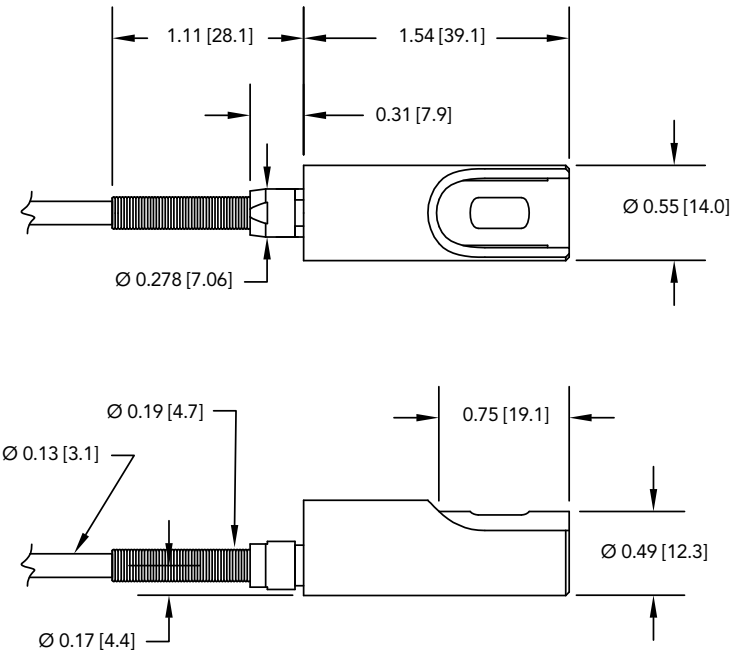
TEMPERATURE

Operating Temperature	0 to 160°F [-18 to 72°C]
Compensated Temperature	60 to 160°F [15 to 72°C]
Temperature Shift Zero	±0.01% of RO/°F [0.018% of RO/°C]
Temperature Shift Span	±0.02% of Load/°F [0.036% of Load/°C]

CALIBRATION

Calibration Test Excitation	10 VDC
Calibration (standard)	2-pt compression
Shunt Calibration Value	150 kOhm

DIMENSIONS inches [mm]

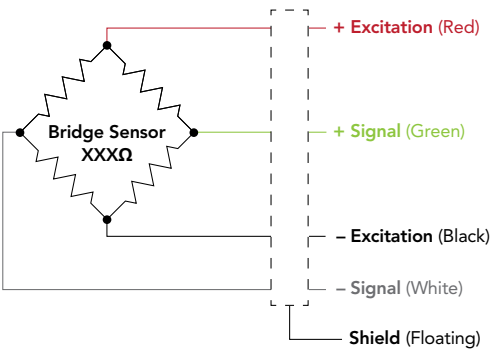


CAPACITIES

ITEM #	lb	N	Deflection (in)	Natural Frequency (Hz)
FSH01465	50	222	0.005	3300

WIRING CODE (WC1 WITH SHIELD)

RED	+ EXCITATION
BLACK	- EXCITATION
GREEN	+ SIGNAL
WHITE	- SIGNAL
SHIELD	FLOATING



Drawing Number: FI1046-B

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