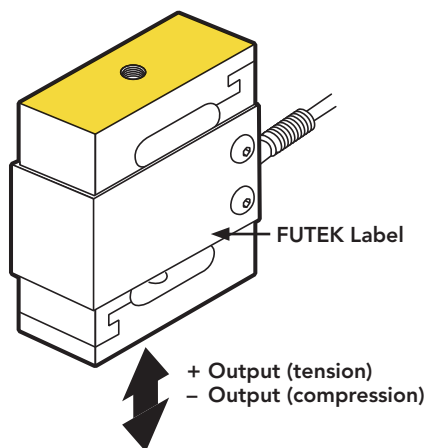




#### FEATURES

- Up to 5 times overload protection
- For in line use in both tension and compression
- Notable nonlinearity
- Robust cable strain relief

 Active end



#### SPECIFICATIONS

##### PERFORMANCE

Nonlinearity	±0.05% of RO
Hysteresis	±0.05% of RO
Nonrepeatability	±0.01% of RO

##### ELECTRICAL

Rated Output (RO)	3 mV/V nom
Excitation (VDC or VAC)	18 max
Bridge Resistance	350 Ohm nom
Insulation Resistance	≥500 MOhm @ 50 VDC
Connection	#28 AWG, 6 conductor, braided shielded polyurethane cable, 5 ft [1.5 m] long
Wiring/Connector Code	WC4

##### MECHANICAL

Weight (approximate)	1.28 lb [580.6 g]
Safe Overload	500% of RO
Material	17-4 PH stainless-steel
IP Rating	IP64

##### TEMPERATURE

Operating Temperature	-40 to 200°F [-40 to 93°C]
Compensated Temperature	60 to 160°F [15 to 72°C]
Temperature Shift Zero	±0.001% of RO/°F [0.0018% of RO/°C]
Temperature Shift Span	±0.0008% of Load/°F [0.0014% of Load/°C]

##### CALIBRATION

Calibration Test Excitation	10 VDC
Calibration (standard)	5-pt Tension
Calibration (available)	Compression
Shunt Calibration Value	43.575 kOhm

#### Sensor Solution Source

Load · Torque · Pressure · Multi-Axis · Calibration · Instruments · Software

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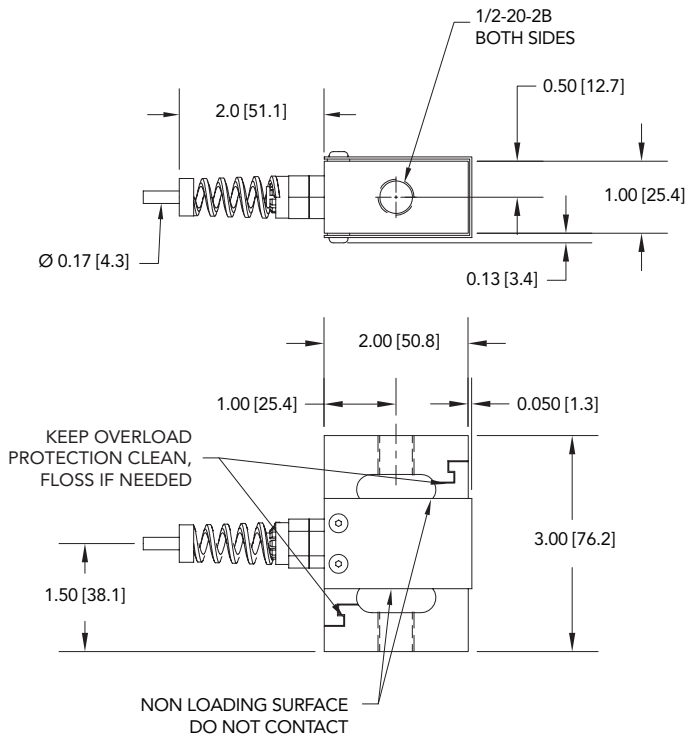
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**DIMENSIONS** inches [mm]



**CAPACITIES**

ITEM #	lb	N	Natural Frequency (Hz)	Deflection (in.)
FSH02100	500	2224	340	0.006
FSH02101	1000	4448	1200	0.010

**WIRING CODE (WC4)**

RED	+ EXCITATION
BLACK	- EXCITATION
GREEN	+ SIGNAL
WHITE	- SIGNAL
ORANGE	+ SENSE
BLUE	- SENSE
SHIELD	GROUNDED

Drawing Number: FI1078-B

FUTEK reserves the right to modify its design and specifications without notice.

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U.S. Manufacturer