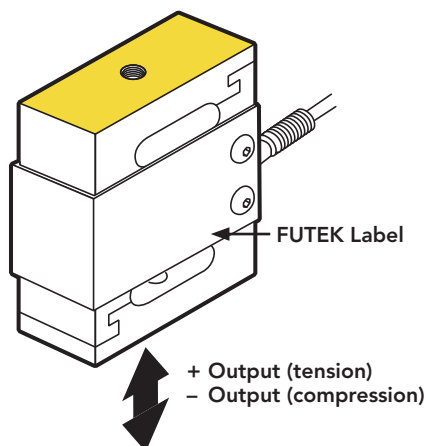




FEATURES

- 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

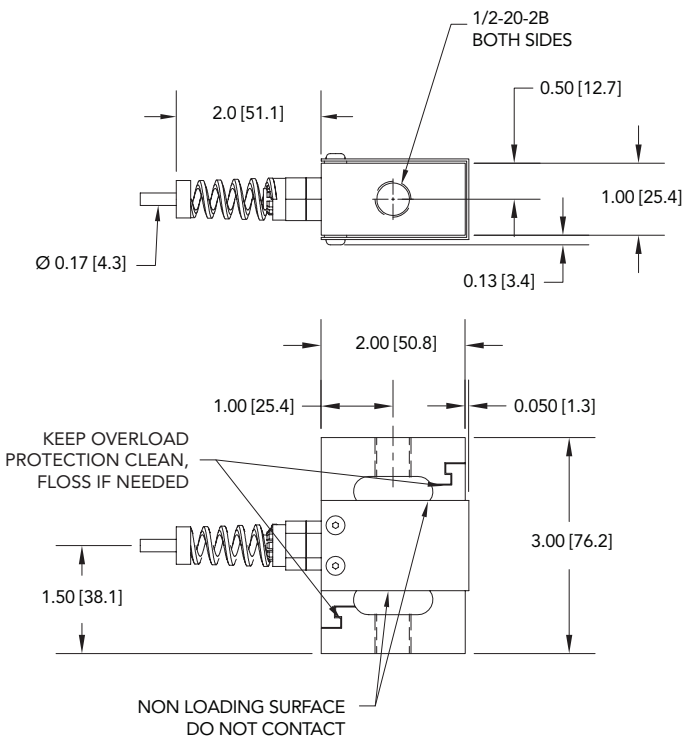
TEMPERATURE

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

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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10 Thomas, Irvine, CA 92618 USA

Tel: (949) 465-0900

Fax: (949) 465-0905

www.futek.com



U.S. Manufacturer