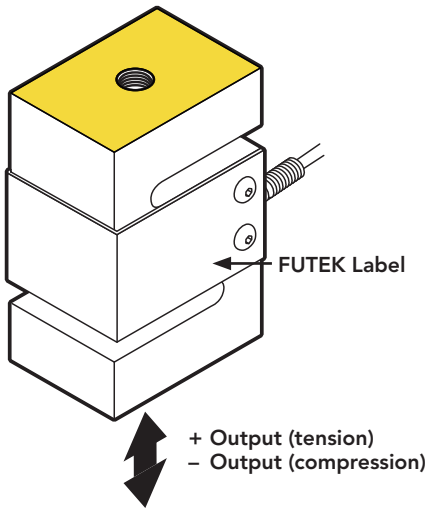




**FEATURES**

- For in line use in both tension and compression
- Notable nonlinearity
- Connector or robust cable strain relief

■ Active end



**SPECIFICATIONS**

**PERFORMANCE**

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

**ELECTRICAL**

Rated Output (RO)	2 mV/V nom
Excitation (VDC or VAC)	20 max
Bridge Resistance	350 Ohm nom
Insulation Resistance	≥500 MOhm @ 50 VDC
Connection	#28 AWG, 6 conductor, polyurethane cable, 5 ft [1.5 m] long. LEMO® connector receptacle standard
Wiring/Connector Code	CC4

**MECHANICAL**

Weight (approximate)	53 oz [1500 g]
Safe Overload	150% of RO
Deflection	See chart on next page
Material	17-4 PH stainless-steel
IP Rating	IP64

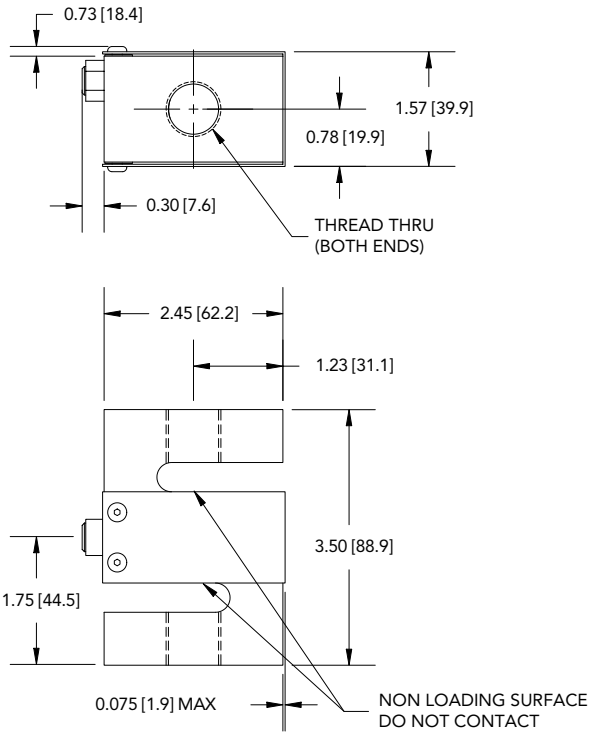
**TEMPERATURE**

Operating Temperature	-60 to 200°F [-50 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]

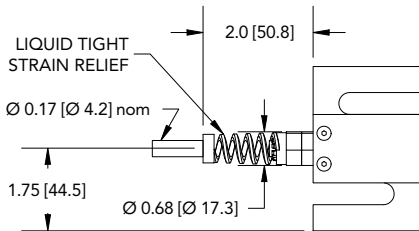
**CALIBRATION**

Calibration Test Excitation	10 VDC
Calibration (standard)	5-pt Tension
Calibration (available)	Compression
Shunt Calibration Value	60.4 kOhm

**DIMENSIONS** inches [mm]



#28 AWG, 6 Conductor PU Cable (5ft) Option



**WIRING CODE (WC4)**

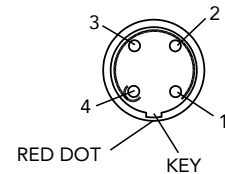
RED	+ EXCITATION
BLACK	- EXCITATION
GREEN	+ SIGNAL
WHITE	- SIGNAL
ORANGE	+ SENSE
BLUE	- SENSE
SHIELD	GROUNDED

**CAPACITIES**

ITEM #	lb	N	Thread	Natural Frequency (Hz)	Deflection (in.)	Connector	
						LEMO®	Cable
FSH00977	5000	22240	3/4-16	1600	0.011	X	
FSH02064						X	
FSH00976			M16 x 2				X
FSH01594							X
FSH00979	10000	44480	3/4-16	1600	0.020	X	
FSH02066						X	
FSH00978			M16 x 2				X
FSH01516							X

**CONNECTOR CODE (CC4)**

PIN	WIRING CODE
1	+ EXCITATION/RED
4	- EXCITATION/BLACK
2	+ SIGNAL/GREEN
3	- SIGNAL/WHITE



Drawing Number: FI1074-B

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

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