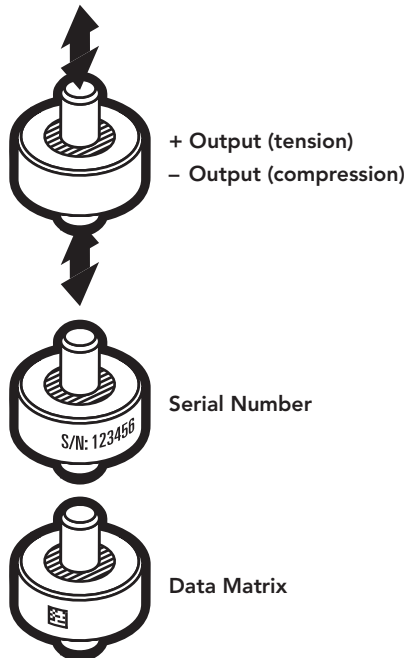




FEATURES

- Minimal mounting clearance
- 17-4 PH stainless steel construction
- For use in both tension and compression
- Utilizes metal foil strain gauge technology
- Adheres to RoHS directive 2011/65/EU
- Accessories and related instruments available

 Non-loading surface, do not contact



SPECIFICATIONS

PERFORMANCE

Nonlinearity	±0.5% of R.O.
Hysteresis	±0.5% of R.O.
Nonrepeatability	±0.1% of R.O.

ELECTRICAL

Rated Output (R.O.)	1 mV/V (1000 g, 5 lb) 2 mV/V (10 lb, 25 lb)
Excitation (VDC or VAC)	7 max
Bridge Resistance	350 ohm nom.
Insulation Resistance	≥500 Mohm @ 50 VDC
Connection	#34 Awg 4 Conductor Braided Shielded Cable, 5 ft [1.5 m] Long
Wiring/Connector Code	WC1

MECHANICAL

Weight (approx.)	0.3 oz [8.5 g]
Safe Overload	150% of R.O.
Deflection	0.0005 in. [0.013 mm] nom.
Material	17-4 PH S.S.
IP Rating	IP64

TEMPERATURE

Operating Temperature	-60 to 200°F (-51 to 93°C)
Compensated Temperature	60 to 160°F (16 to 71°C)
Temperature Shift Zero	±0.02% of R.O./°F (±0.036 of R.O./°C)
Temperature Shift Span	±0.02% of load/°F (±0.036 of load/°C)

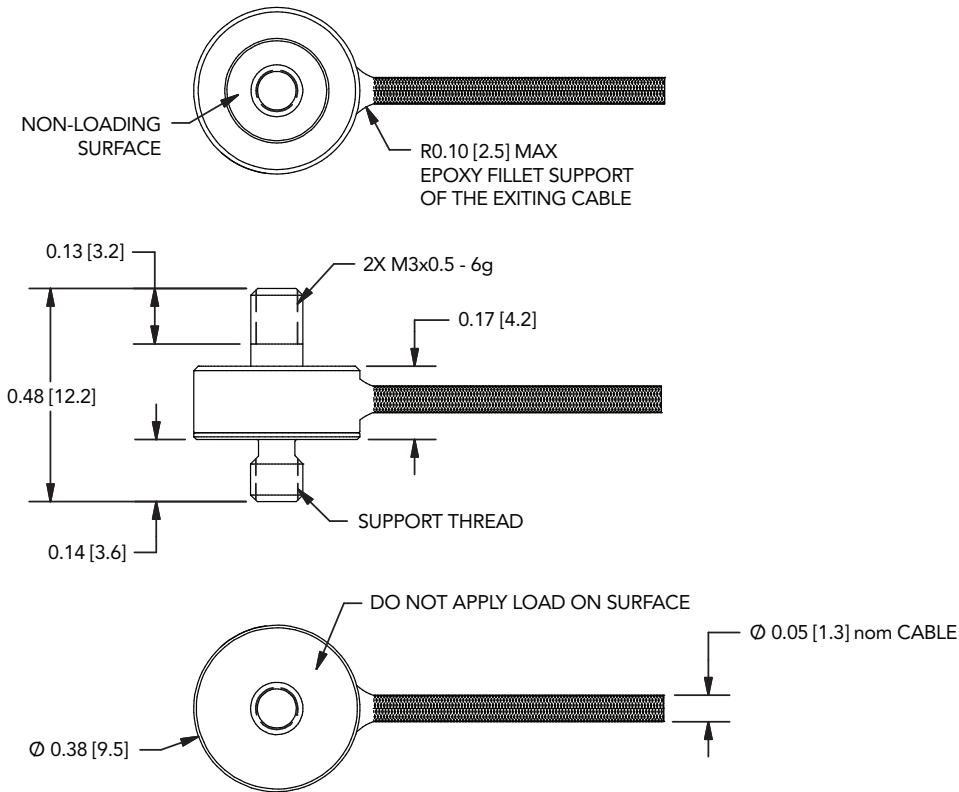
CALIBRATION

Calibration Test Excitation	5 VDC
Calibration (std)	5 pt. Tension
Calibration (Available)	Compression
Shunt Calibration Value	100 kohm (1000 g, 5 lb), 60.4 kohm (10 lb, 25 lb)

CONFORMITY

RoHS	2011/65/EU
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DIMENSIONS inches [mm]



WIRING CODE (WC1)

RED	+ EXCITATION
BLACK	- EXCITATION
GREEN	+ SIGNAL
WHITE	- SIGNAL
SHIELDED	SENSOR BODY

CAPACITIES

ITEM #	CAP.	N
FSH03842	1000 g	9.8
FSH03829	5 lb	22.2
FSH03828	10 lb	44.5
FSH03827	25 lb	111.2

NATURAL FREQUENCY

CAPACITY	
1000 g	19 kHz
5 lb	26 kHz
10 lb	26 kHz
25 lb	42 kHz

Drawing Number: F11367

FUTEK reserves the right to modify its design and specifications without notice. Please visit <http://www.futek.com/salesterms> for complete terms and conditions.

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R0HS



U.S. Manufacturer