



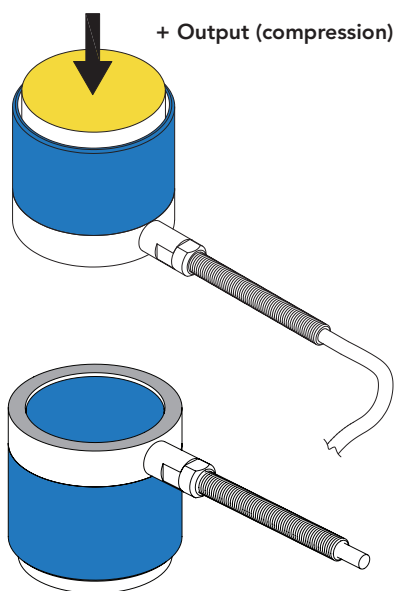
FEATURES

- Fast response time,
- Superior natural frequency
- Low deflection
- Small profile for tight spaces

 Active end

 Fixed end

 Non-loading surface, do not contact



SPECIFICATIONS

PERFORMANCE

Nonlinearity	±0.5% of RO
Hysteresis	±0.5% of RO
Nonrepeatability	±0.25% of RO

ELECTRICAL

Rated Output (RO)	2 mV/V nom
Excitation (VDC or VAC)	18 max
Bridge Resistance	350 Ohm nom
Insulation Resistance	≥500 MOhm @ 50 VDC
Connection	#29 AWG, 4 conductor, spiral shielded Teflon cable 10 ft [3 m] long

Wiring Code WC1

MECHANICAL

Weight	0.16 lb [73 g]
Safe Overload	150% of RO
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	±0.01% of RO/°F [0.018% of RO/°C]
Temperature Shift Span	±0.02% of Load/°F [0.036% of Load/°C]

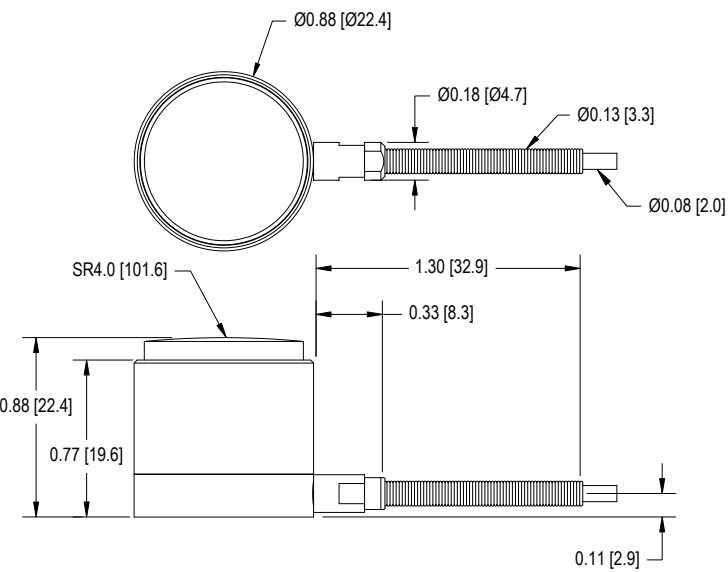
CALIBRATION

Calibration Test Excitation	10 VDC
Calibration (standard)	5-pt compression
Shunt Calibration Value	60.4 kOhm



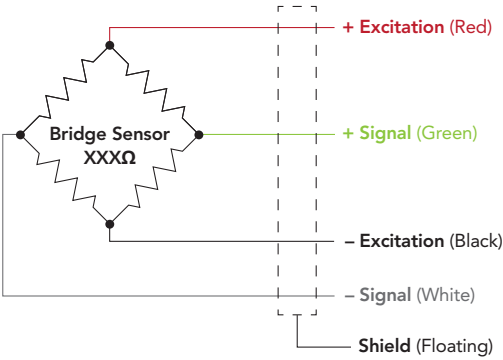

SCIGATE AUTOMATION (S) PTE LTD
 No.1 Bukit Batok Street 22 #01-01 Singapore 659592
 Tel: (65) 6561 0488 Fax: (65) 6562 0588
 Email: sales@scigate.com.sg Web: www.scigate.com.sg
 Business Hours: Monday - Friday 8.30am - 6.15pm

DIMENSIONS inches [mm]



WIRING CODE (WC1 WITH SHIELD)

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



CAPACITIES

ITEM #	lb	N	Deflection (in)	Natural Frequency (Hz)
FSH01769	10000	44480	0.001	50000

Drawing Number: FI1169-B

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

10 Thomas, Irvine, CA 92618 USA
Tel: (949) 465-0900
Fax: (949) 465-0905

www.futek.com



U.S. Manufacturer