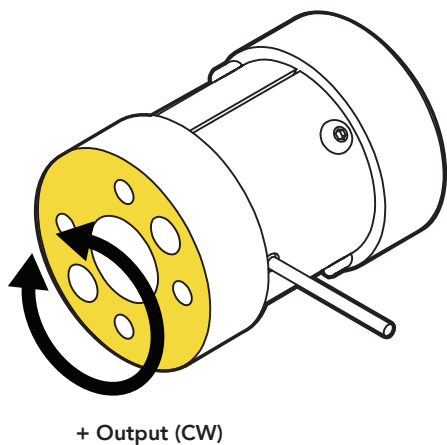




FEATURES

- Easily integrates into OEM applications
- Intended for high volume applications
- Aluminum construction
- .58 inch through holes
- Designed for Torque auditing
- Uses strain gauge technology

Active End



SPECIFICATIONS

PERFORMANCE

Nonlinearity	±0.2% of RO
Hysteresis	±0.2% of RO
Nonrepeatability	±0.1% of RO

ELECTRICAL

Rated Output (RO)	2 mV/V nom
Excitation (VDC or VAC)	18 max
Bridge Resistance	700 Ohm nom
Connection	#29 AWG, 4 conductor, spiral Teflon cable 6 in [152.4 mm] long
Wiring Code	WC1

MECHANICAL

Weight (approximate)	3.5 oz [99.2 g]
Safe Overload	150% of RO
Material	Aluminum
IP Rating	IP40

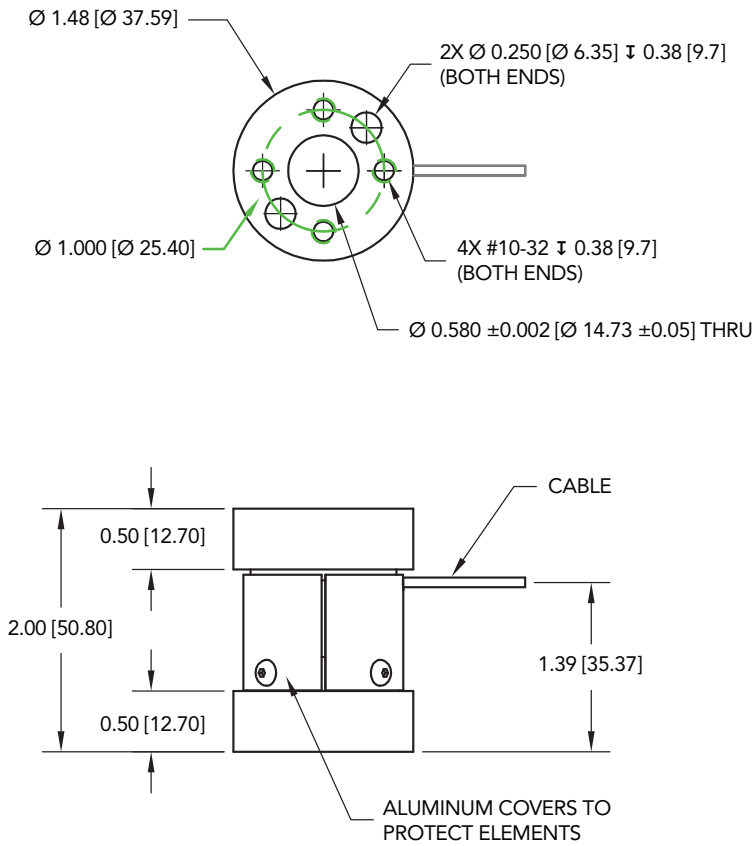
TEMPERATURE

Operating Temperature	-60 to 200°F (-50 to 93°C)
Compensated Temperature	60 to 160°F (15 to 72°C)
Temperature Shift Zero	±0.005% of RO/°F (0.01% of RO/°C)
Temperature Shift Span	±0.01% of Load/°F (0.018% of Load/°C)

CALIBRATION

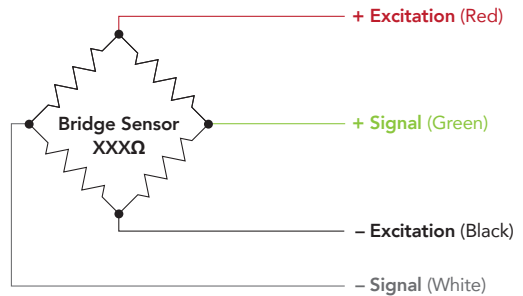
Calibration Test Excitation	10 VDC
Calibration (standard)	Certificate of Conformance
Calibration (available)	5-pt CW & CCW
Shunt Calibration Value	100 kOhm

DIMENSIONS inches [mm]



WIRING CODE (WC1)

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



CAPACITIES

ITEM #	in-lb	Nm	Natural Frequency (Hz)	Torsional Stiffness in-lb/rad
FSH04062	500	60	8410	1.57×10^5
FSH04063	1300	150	13000	3.79×10^5

Drawing Number: F11487

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