

FUTEK MODEL TFF325

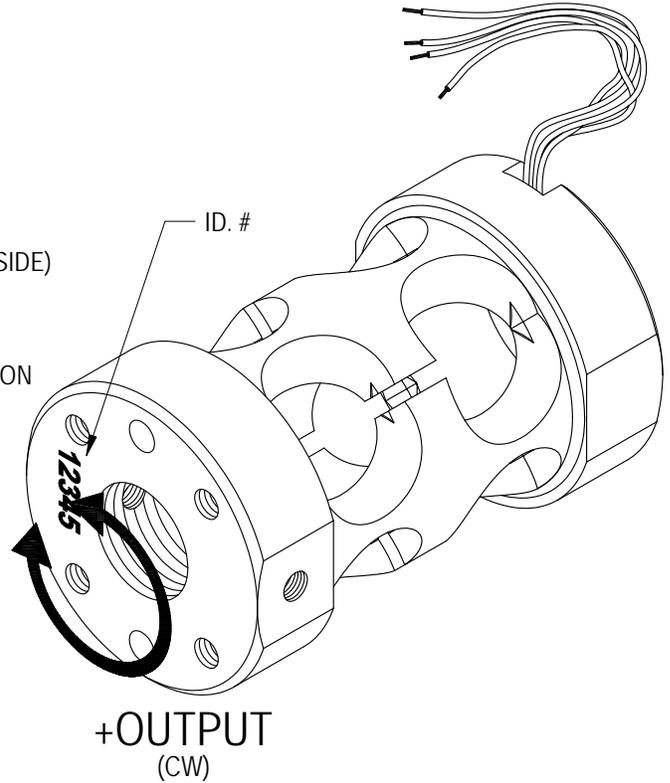
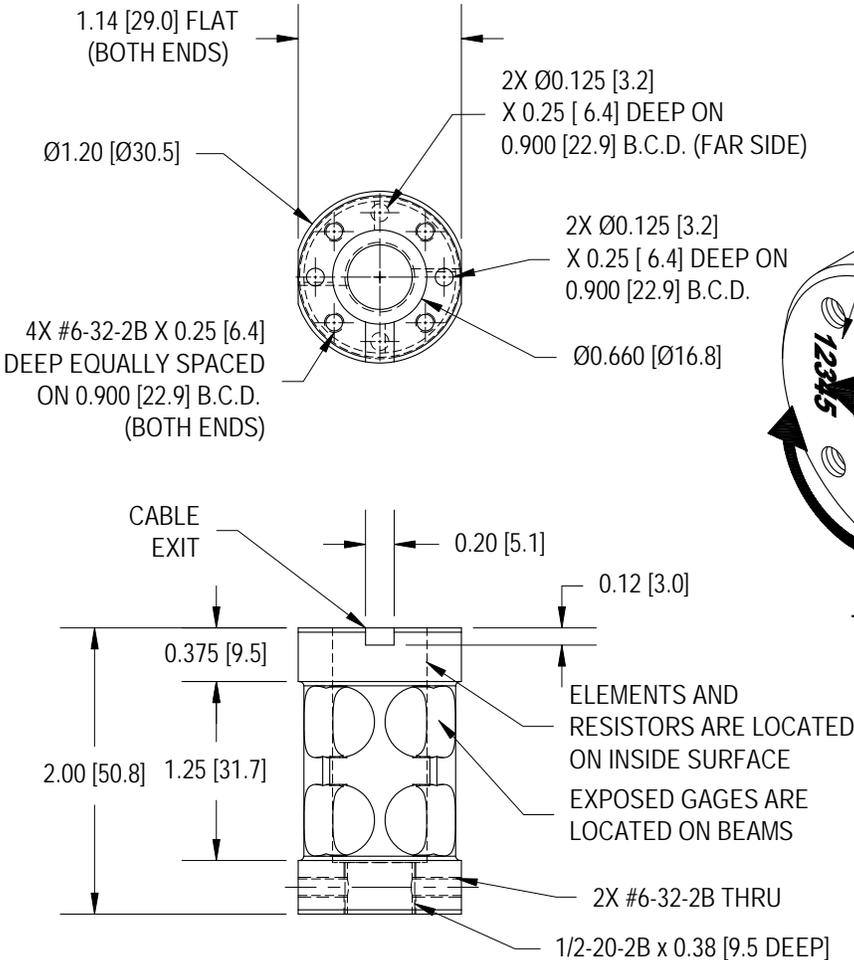
REACTION TORQUE SENSOR (Previously T5160)

Drawing Number: FI1138

INCH [mm] | R.O.= Rated Output

WIRING CODE (WC1)			
+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE

****OEM TYPE PRODUCT (NOT RECOMMENDED FOR END USERS) ALL ELEMENTS ARE EXPOSED WITH LEAD WIRE TERMINATION****



STK#	CAPACITY in-oz	Nm	TORSIONAL STIFFNESS in-oz/rad
FSH00605	20	0.12	800
FSH00606	50	0.30	3300
FSH00607	12 in-lb	1.5	1000 in-lb/rad
FSH00608	50 in-lb	6	9400 in-lb/rad
FSH00609	100 in-lb	12	13200 in-lb/rad

SPECIFICATIONS:

RATED OUTPUT	2 mV/V nom.
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±1% of R.O.
EXCITATION (VDC OR VAC)	18 MAX
BRIDGE RESISTANCE	1000 Ω nom.
NONLINEARITY	±0.2% of R.O.
HYSTERESIS	±0.2% of R.O.
NONREPEATABILITY	±0.05% of R.O.
TEMP. SHIFT ZERO	±0.002% of R.O./°F [0.0036% of R.O./°C]
TEMP. SHIFT SPAN	±0.002% of LOAD/°F [0.0036% of LOAD/°C]
COMPENSATED TEMP.	60 to 160°F [15 to 72°C]
OPERATING TEMP.	-60 to 200°F [-50 to 93°C]
WEIGHT	2.3 oz [65 g]
MATERIAL	ALUMINUM
CABLE: #29 AWG, 4 Conductor, Spiral Teflon Cable 6 [152.4] Long	
ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE	
CALIBRATION (STD)	2 pt. CW; 150KΩ SHUNT CAL. VALUE
CALIBRATION (OPT)	2pt. CCW
CALIBRATION TEST EXCITATION	10 VDC

