

FUTEK MODEL TFF500
ITEM# SEE CHART

THRU HOLE REACTION TORQUE SENSOR w/ TEDS

Drawing Number: FI1265-A

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

VDC CONNECTOR CODE (Cable Pkg Wiring Code)

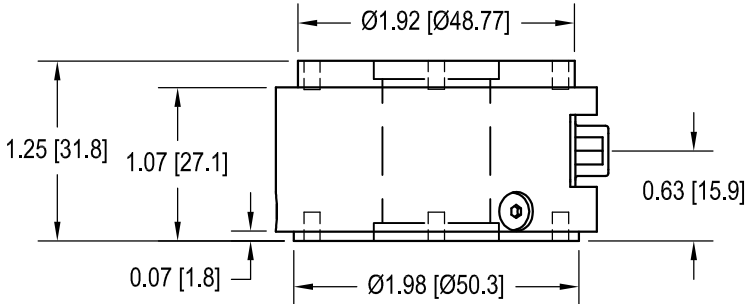
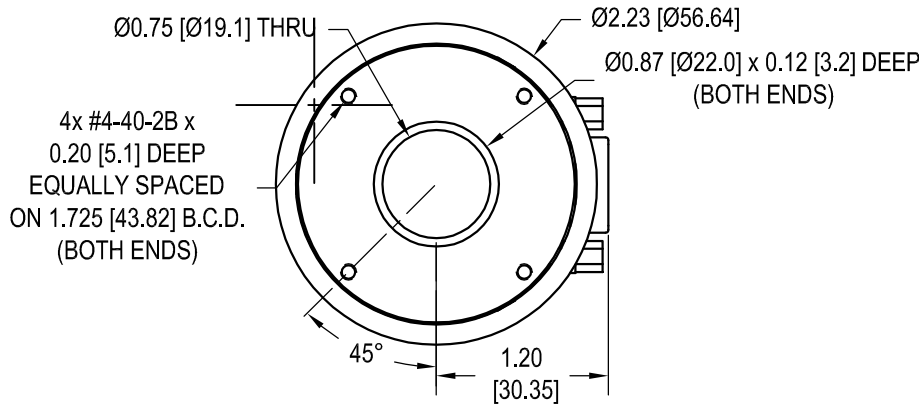
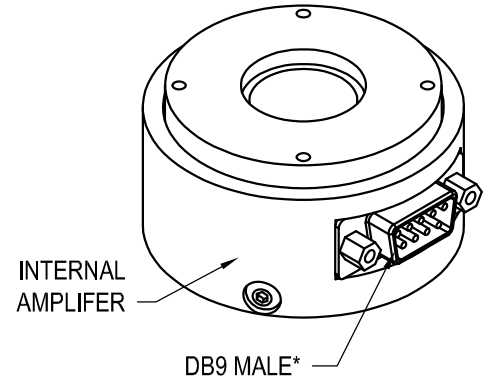
TEDS DATA	GND (TEDS)	GND (POWER)	RTN (10 VDC)
5 (Orange)	9 (Blue)	7 (Black)	6 (White)

SIGNAL (10 VDC)	POWER (12-24 VDC)
1 (Green)	2 (Red)

mV/V CONNECTOR CODE (Cable Pkg Wiring Code)

TEDS DATA	GND (TEDS)	-Excitation	-Signal
5 (Orange)	9 (Blue)	7 (Black)	6 (White)

+Signal	+Excitation
1 (Green)	2 (Red)



SPECIFICATIONS:

- RATED OUTPUT See Chart
- CAPACITY 100 in-lb
- SAFE OVERLOAD 150% of R.O.
- ZERO BALANCE ±1% of R.O.
- EXCITATION See Chart
- NONLINEARITY ±0.5% of R.O.
- HYSTERESIS ±0.5% of R.O.
- NONREPEATABILITY ±0.1% of R.O.
- TEMP. SHIFT ZERO ±0.02% of R.O./°F (0.04% of R.O./°C)
- TEMP. SHIFT SPAN ±0.02% of LOAD/°F (0.04% of LOAD/°C)
- COMPENSATED TEMP. 60 to 160°F [15 to 71 °C]
- OPERATING TEMP. 0 to 160°F [-17 to 71 °C]
- WEIGHT Approx 0.35 lb
- MATERIAL(COVER) Aluminum, Red Anodize After S/N:12345
- CONNECTOR: DB9 MALE
- ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE
- CALIBRATION (STD) 5 pt. CW; (CCW optional)
- CALIBRATION TEST EXCITATION 10VDC (15 VDC Amplified version)
- Red Anodized Covers After S/N:12345

ITEM#	OUTPUT (nom)	EXCITATION (VDC)
FSH02650	±10 VDC	12-24
FSH03327	±1 mV/V	1-18



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CAGE CODE # 1X8M6

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