

FUTEK MODEL TAT420

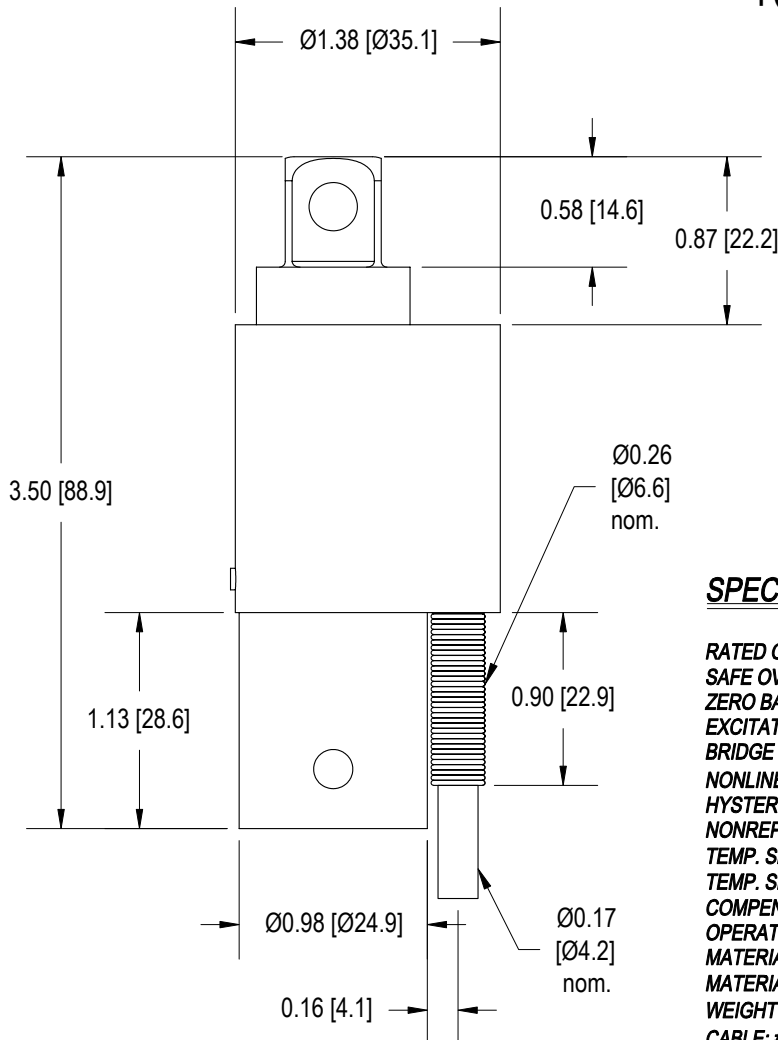
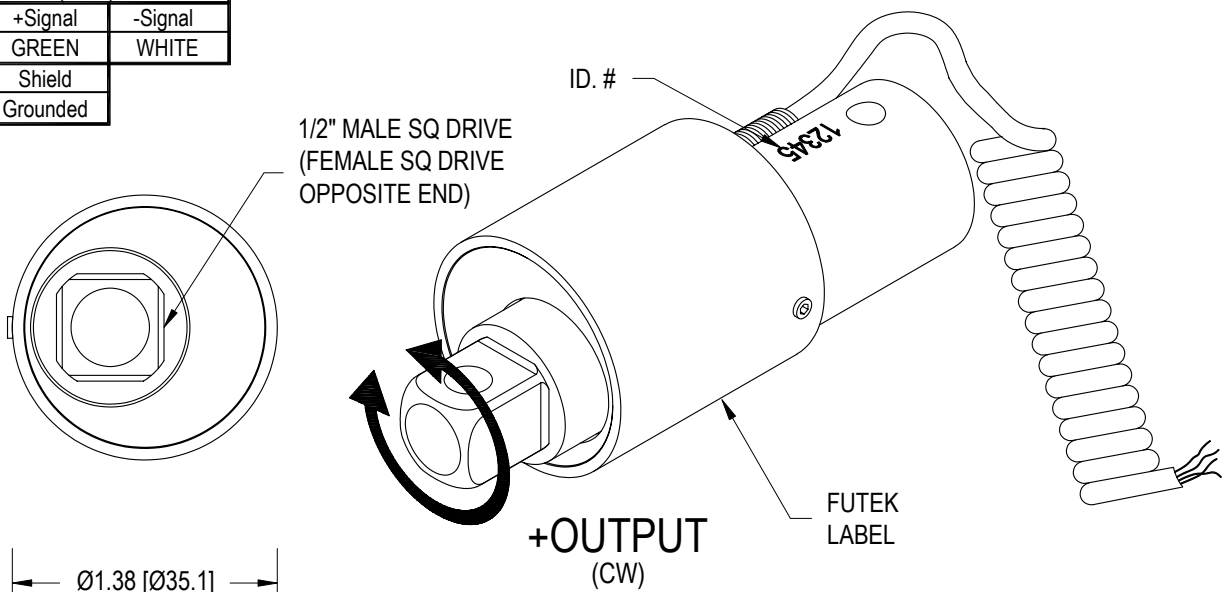
SOCKET EXTENSION REACTION TORQUE SENSOR (Previously T6010)

Drawing Number: FI1153

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

WIRING CODE (WC4)

+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE
+Sense	-Sense	Shield	
ORANGE	BLUE	Grounded	



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

STK#	CAPACITY in-lb Nm	TORSIONAL STIFFNESS in-lb/rad
FSH00718	1500 170	2.6 X 10 ⁵
FSH00719	2500 283	4.8 X 10 ⁵

SPECIFICATIONS:

RATED OUTPUT
SAFE OVERLOAD
ZERO BALANCE
EXCITATION (VDC OR VAC)
BRIDGE RESISTANCE
NONLINEARITY
HYSTERESIS
NONREPEATABILITY
TEMP. SHIFT ZERO
TEMP. SHIFT SPAN
COMPENSATED TEMP.
OPERATING TEMP.
MATERIAL (FLEXURE)
MATERIAL (COVER)
WEIGHT

2 mV/V nom.
150% of R.O.
±2% of R.O.
18 MAX
1000 Ω nom.
±0.2% of R.O.
±0.2% of R.O.
±0.1% of R.O.
±0.01% of R.O./°F [0.018% of R.O./°C]
±0.01% of LOAD/°F [0.018% of LOAD/°C]
60 to 160°F [15 to 72°C]
-40 to 180°F [-40 to 82°C]
17-4PH S.S.
BLACK ANODIZED ALUMINUM
14 oz [197 g]

CABLE: #28 AWG, 6 Conductor, Retractable PVC Cable 10 ft [3 m] Long Extended
ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE

CALIBRATION (STD) 5 pt. CW; 150KΩ SHUNT CAL. VALUE
CALIBRATION TEST EXCITATION 10 VDC

FUTEK
ADVANCED SENSOR TECHNOLOGY, INC.

This drawing is submitted solely for the information and exclusive use of the original addressee. It is not to be divulged in whole or in part, by any firm or individual without written permission from FUTEK

10 THOMAS
IRVINE, CA 92618 USA
1-800-23-FUTEK (38835)

INTERNET:
<http://www.futek.com>