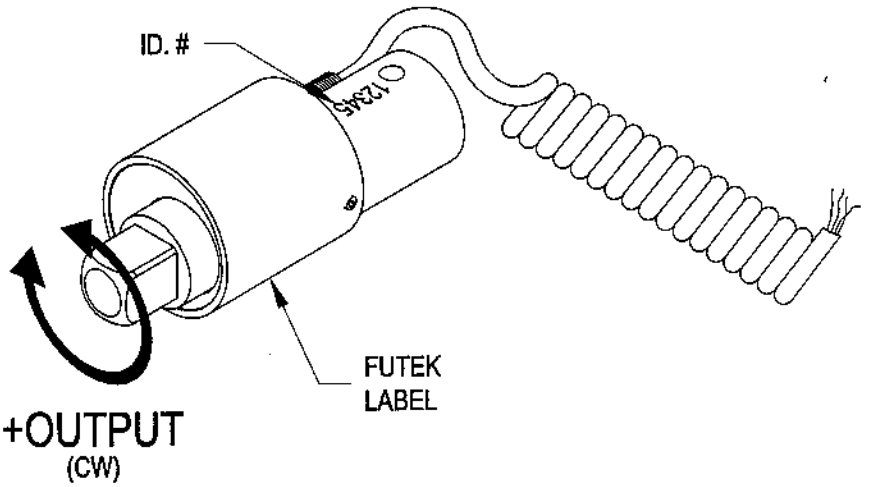
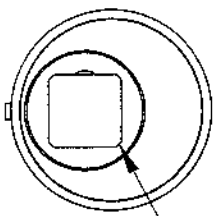
FUTEK MODEL T6010

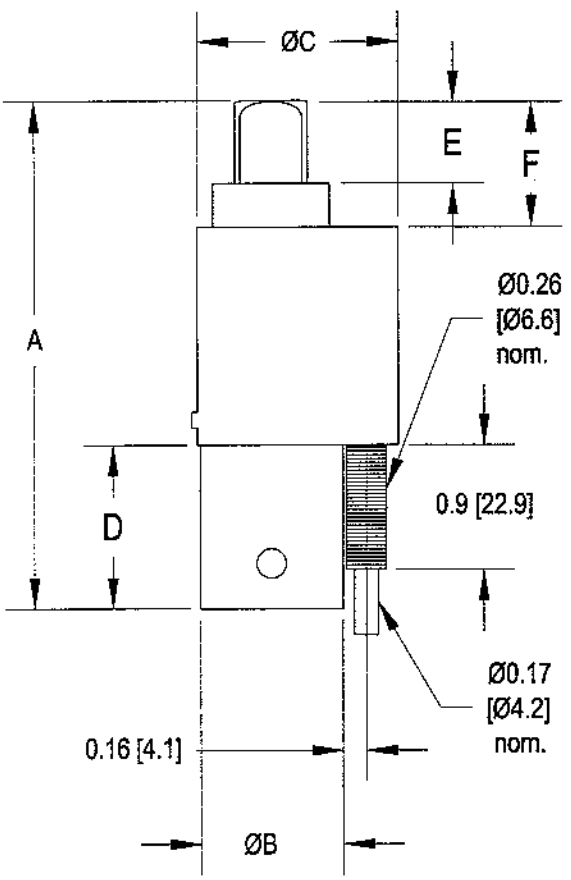
SOCKET EXTENSION REACTION TORQUE SENSOR

Drawing Number: F1454-08			
INCH [mm]	R.O.= Rated Output		
WIRING CODE (WC4)			
+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE
+Sense	-Sense	Shield	
ORANGE	BLUE	Grounded	





MALE SQ DRIVE
(FEMALE SQ DRIVE
OPPOSITE END)



CAPACITY in-lb	CAPACITY Nm	Square Drive	A	B	C	D	E	F	TORSIONAL STIFFNESS in-lb/rad	WEIGHT
25	3	1/4"	2.0 [50.8]	0.56 [14.2]	1.00 [25.4]	0.50 [12.7]	0.30 [7.6]	0.43 [10.9]	2500	6.5 oz [184 g]
50	6								6200	
100	11								14000	
200	23	3/8"	3.0 [76.2]	0.73 [18.5]	1.12 [28.6]	0.90 [22.9]	0.43 [10.9]	0.60 [15.2]	19500	9 oz [255 g]
600	68								52500	
1500	170	1/2"	3.5 [89]	0.98 [24.9]	1.25 [31.8]	1.13 [28.7]	0.58 [14.7]	0.88 [22.4]	2.6×10^5	14 oz [397g]
2500	283								4.8×10^5	
6000	680	3/4"	5.0 [127]	1.48 [37.6]	2.0 [50.8]	2.0 [50.8]	0.85 [21.6]	1.5 [38.1]	1.72×10^6	32 oz [907 g]

12000 in-lb (1000 ft-lb) W/ 1" SQ. DRIVE AVAILABLE

SPECIFICATIONS:

RATED OUTPUT	*2 mV/V nom.*
SAFE OVERLOAD	*150% of R.O.*
ZERO BALANCE	*±2% 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	*±0.1% of R.O.*
TEMP. SHIFT ZERO	*±0.01% of R.O./°F [0.018% of R.O./°C]*
TEMP. SHIFT SPAN	*±0.01% of LOAD/°F [0.018% of LOAD/°C]*
COMPENSATED TEMP.	*60 to 160°F [15 to 72°C]*
OPERATING TEMP.	*-40 to 180°F [-40 to 82°C]*
MATERIAL (FLEXURE)	*ALUMINUM (25 to 50 in-lb) 17-4PH S.S. (100 to 6000 in-lb)*
MATERIAL (COVER)	*BLACK ANODIZED ALUMINUM*

CABLE: #28 AWG, 6 Conductor, Retractile PVC Cable 10 ft [3 m] Long Extended

ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE

CALIBRATION (STD)	*5 pt. CW and CCW; 150K Ω SHUNT CAL. VALUE*
CALIBRATION TEST EXCITATION	*10 VDC*

FUTEK
ADVANCED SENSOR TECHNOLOGY, INC.

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