

SHAFT TO SHAFT REACTION TORQUE SENSOR (Previously T5102)

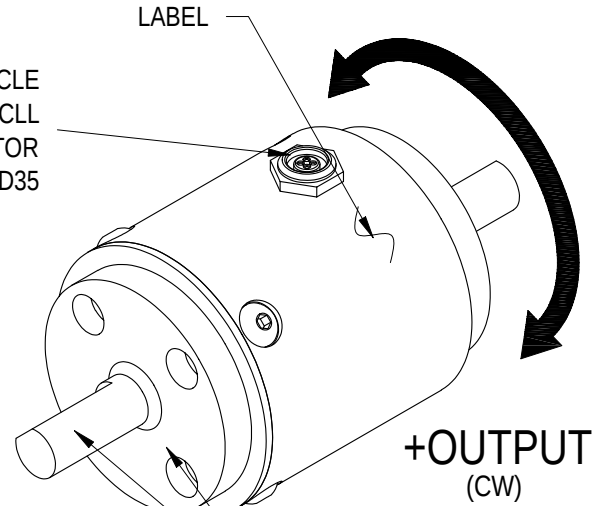
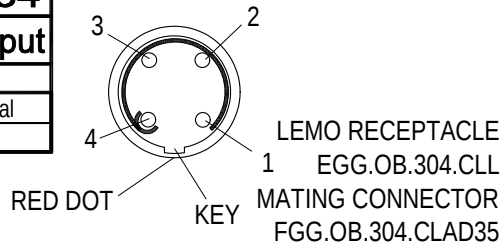
MODEL TSS400

Drawing Number: FI1134

INCH [mm] R.O.= Rated Output

WIRING CODE (CC4)

+Excitation	-Excitation	+Signal	-Signal
1	4	2	3



ALUMINUM (5-1000 in-oz)
 17-4PH S.S. (100-500 in-lb)

STK#	CAPACITY		TORSIONAL STIFFNESS in-oz/rad
	in-oz	Nm	
FSH00279	5*	0.04	325
FSH00280	10*	0.08	700
FSH00281	20*	0.15	1600
FSH00284	50*	0.37	3500
FSH00285	100*	0.75	7300
FSH00287	160*	1.2	11000
FSH00289	400*	3.0	30000
FSH00290	1000	7.5	71000
FSH00291	100 in-lb	12	77000 in-lb/rad
FSH00292	200 in-lb	24	95000 in-lb/rad
FSH00293	500 in-lb	60	199000 in-lb/rad

* WITH OVERLOAD PROTECTION
 FOR HIGHER CAPACITIES REFER TO MODELS TFF600-750
 AND TDF600-675

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.
WEIGHT
MATERIAL
CONNECTOR: 4 Pin LEMO Receptacle EGG.OB.304.CLL
ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE
CALIBRATION (STD)
CALIBRATION TEST EXCITATION

1.5 mV/V nom. (5 in-oz) 2 mV/V nom. (10 in-oz to 500 in-lb)
 150% of R.O.
 ±1% of R.O.
 18 MAX
 350 Ω nom. (5 to 1000 in-oz) 700 Ω nom. (100 to 500 in-lb)
 ±0.2% of R.O.
 ±0.2% of R.O.
 ±0.05% of R.O.
 ±0.002% of R.O./°F [0.0036% of R.O./°C]
 ±0.002% of LOAD/°F [0.0036% of LOAD/°C]
 60 to 160°F [15 to 72°C]
 -60 to 200°F [-54 to 93°C]
 9 oz [250 g]
 ALUMINUM
 5 pt. CW; 60.4KΩ (5 to 1000 in-oz) 100KΩ (100 to 500 in-lb) SHUNT CAL. VALUE
 10 VDC

info@logicbus.com.mx

www.logicbus.com.mx

Alcalde #1822 Col. Miraflores C.P. 44270 Guadalajara, Jal. Mexico
 MX 01 (33) 3854-5975 y 3823-4349 USA 001 (858)-869-5401 (Chula Vista, CA. Office)