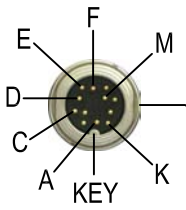
Logicbus
¡ Tu Sitio de Automatización !

TRS600

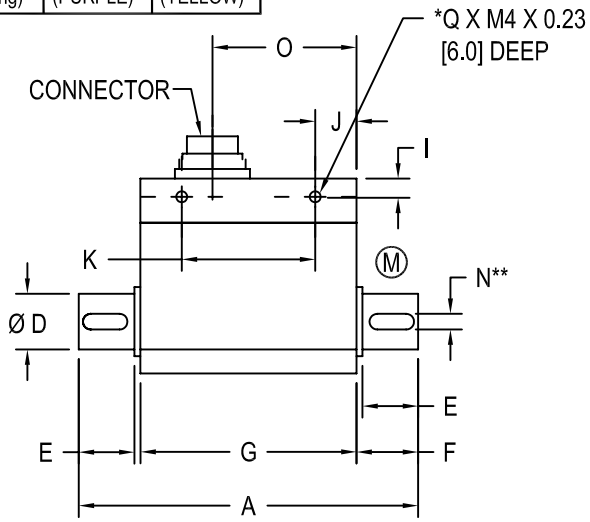
NON CONTACT SHAFT TO SHAFT ROTARY TORQUE SENSOR

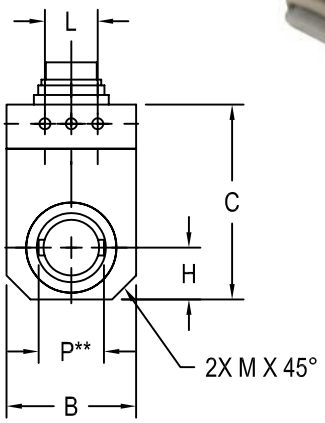
CE COMPLIANT

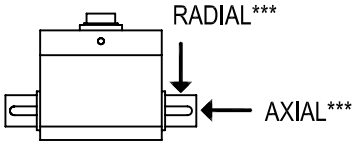
Drawing Number: FI1028-F			
INCH [mm]	R.O.= Rated Output		
CONNECTOR CODE (CABLE PACKAGE WIRING CODE)			
Power	Ground	Signal	Return (Signal)
PIN 'F' (RED)	PIN 'E' (BLACK)	PIN 'C' (GREEN)	PIN 'D' (WHITE)
Shield	Shunt Cal	Shunt Cal (Gnd)	
PIN 'M' (Floating)	PIN 'K' (PURPLE)	PIN 'A' (YELLOW)	



BINDER RECEPTACLE
09-0331-90-12
(MATING CONNECTOR
99-2030-09-12
NOT INCLUDED)







Ⓜ=MEASURING SIDE
* ANTI-ROTATION HOLES, NOT TO BE USED TO SUPPORT LOAD.
** FEATHER KEYWAYS PER DIN 6885, KEYWAYS COME PRE-INSTALLED.
*** MAXIMUM LOAD ALLOWED, NOT FOR MEASUREMENT.

ITEM #	CAPACITY in-lb	CAPACITY N m	A	B	C	Ø D	E	F	G	H	I	J	K	L	M	N**	O	P**	Q*	***MAX. AXIAL FORCE lb[N]	***MAX. RADIAL FORCE lb[N]	ROTATIONAL SPEED (MAX)	WEIGHT lb[kg]
FSH01994	9	1	3.62 [92]	1.10 [28]	2.04 [52]	0.394 [10] g6	0.63 [16]	0.67 [17]	2.28 [58]	0.55 [14]	0.19 [5]	0.43 [11]	-	0.31 [8]	0.32 [8]	-	1.46 [37]	-	6	4.5 [20]	1 [5]	12000 RPM	0.6 [0.28]
FSH01995	18	2																		11 [50]	1 [5]		
FSH01996	44	5																			2 [10]		
FSH01997	89	10																		34 [150]	4.5 [20]		
FSH01998	177	20	4.25 [108]	1.49 [38]	2.28 [58]	0.748 [19] g6	1.18 [30]	1.26 [32]	1.73 [44]	0.75 [19]	0.24 [6]	0.86 [22]	-	-	0.40 [10]	0.236 [6]	0.87 [22]	0.236 [24]	3		7 [30]	9000 RPM	1.1 [0.50]
FSH01999	443	50																		45 [200]	11 [50]		
FSH02730	885	100	4.92 [125]	2.28 [58]	2.99 [76]	1.102 [28] g6	1.06 [27]	1.20 [30.5]	2.52 [64]	1.14 [29]	0.19 [5]	0.55 [14]	1.97 [50]	1.18 [30]	-	0.315 [8] p9	1.57 [40]	1.34 [34]	8	90 [400]	56 [250]		2.3 [1.06]

SPECIFICATIONS:

RATED OUTPUT	±5VDC
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±1% of R.O.
EXCITATION	11-26 VDC, 1 Watt
NONLINEARITY	±0.2% of R.O.
HYSTERESIS	±0.1% of R.O.
NONREPEATABILITY	±0.2% R.O.
TEMP. SHIFT ZERO	±0.01% of R.O. / °F [±0.02% of R.O. /°C]
TEMP. SHIFT SPAN	±0.01% of Load / °F [±0.02% of Load /°C]
OPERATING TEMP.	-13 to 176°F [-25 to +80°C]
COMPENSATED TEMP.	41 to 122°F [+5 to +50°C]

CONNECTOR:	12 pin Binder Series #581 (09-0331-90-12)
ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE	
CALIBRATION (STD)	Certificate of Conformance
CALIBRATION (AVAILABLE)	5pt CW and CCW
CALIBRATION TEST EXCITATION	12 VDC
SHUNT CALIBRATION	With sensor fully connected apply 11-26 VDC to Pins A & K to generate 5VDC nom output.