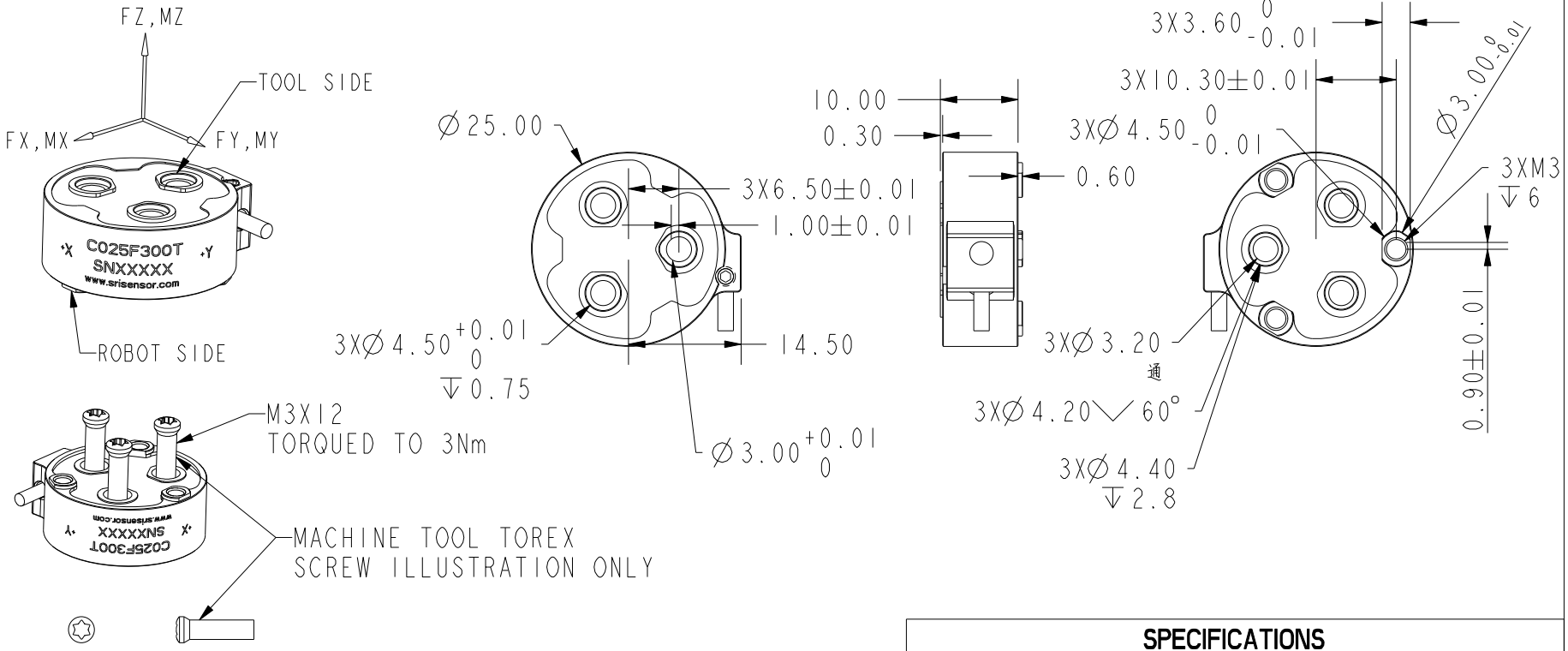


POSITIVE OUTPUT WHEN THE LOADING IS APPLIED TO THE TOOL SIDE OF THE LAODCELL, PER COORDINATE SYSTEM AS SHOWN

CHANNELS ARE COUPLED, AND DECOUPLED MATRIX ARE PROVIDED

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	300.0	300.0	300.0	5.0	5.0	5.0
OUTPUT (mV/V)	COUPLED OUTPUT					
BRIDGE RES. (Ω)	900	900	900	900	900	900

WIRING CODE (14-CONDUCTOR CABLE)

NO.	COLOR	FUNCTION	NO.	COLOR	FUNCTION	NO.	COLOR	FUNCTION
1	WHITE	CH1+	6	LIGHT YELLOW	CH3-	11	PURPLE	CH6+
2	BROWN	CH1-	7	GREEN	CH4+	12	LIGHT PURPLE	CH6-
3	ORANGE	CH2+	8	GRAY	CH4-	13	RED	+E
4	LIGHT ORANGE	CH2-	9	BULE	CH5+	14	BLACK	-E
5	YELLOW	CH3+	10	LIGHT BLUE	CH5-			

SHIELD TO SENSOR BODY

SPECIFICATIONS	
EXCITATION MAX. (V)	10
OVERLOAD CAPACITY (%F.S.)	300
CROSSTALK (%F.S.)	2.5
NON-LINEARITY (%F.S.)	1.0
HYSTERESIS (%F.S.)	1.0
COMPREHENSIVE ACCURACY (%F.S.)	2.5
OPERATING TEMP. RANGE (°C)	-40 TO +90
MASS (KG)	0.03

SUNRISE INSTRUMENTS

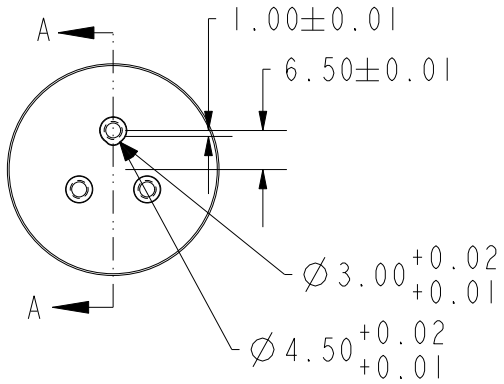
www.srisensor.com

SIX AXIS CIRCULAR LOAD CELL
EXTRA THIN,COUPLED,D25MM F300N

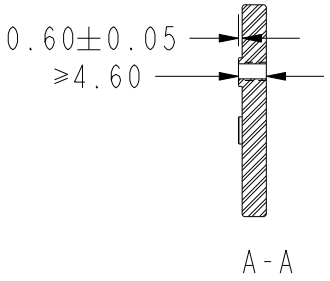
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	C025F300T	REV. A

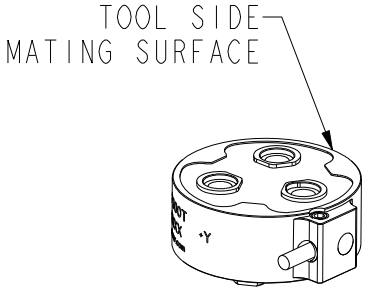
MATING PARTS (MATERIAL: ALUMINUM)

TOOL SIDE

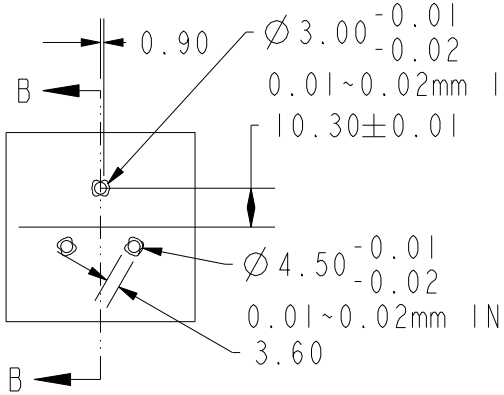


0.01~0.02mm INTERFERENCE FIT



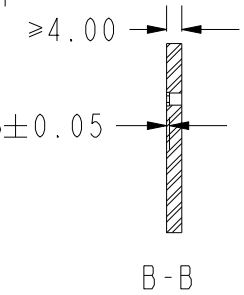


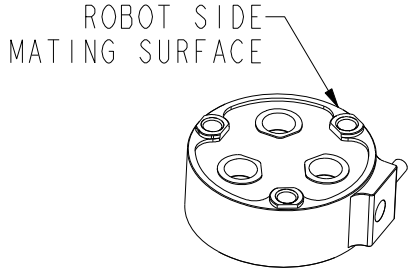
ROBOT SIDE

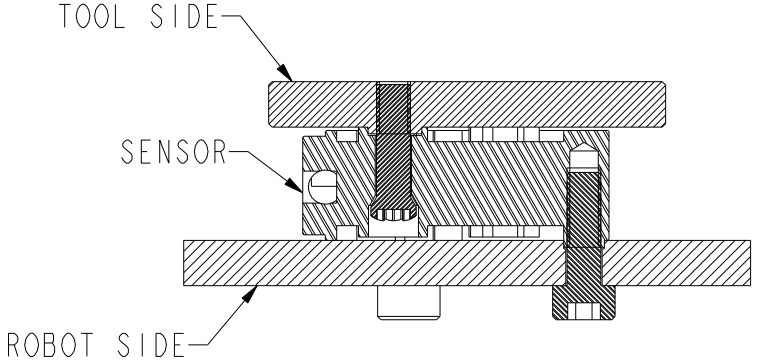


0.01~0.02mm INTERFERENCE FIT

0.01~0.02mm INTERFERENCE FIT







SUNRISE INSTRUMENTS

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SIX AXIS CIRCULAR LOAD CELL
EXTRA THIN,COUPLED,D25MM F300N (PAGE2)

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	C025F300T	REV. A