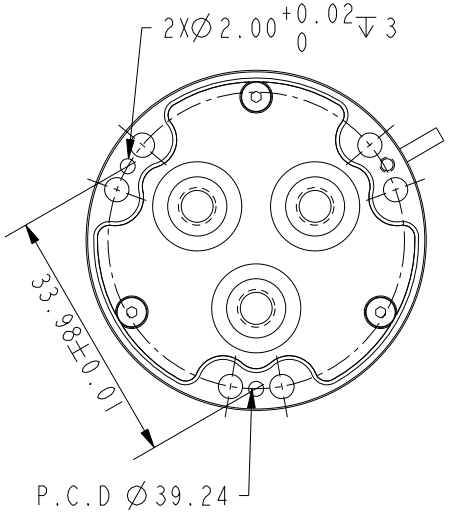
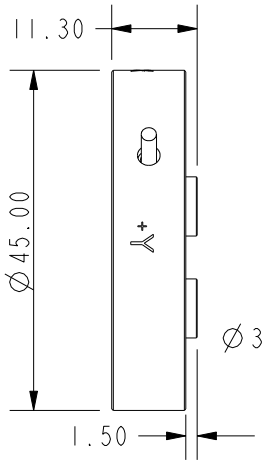
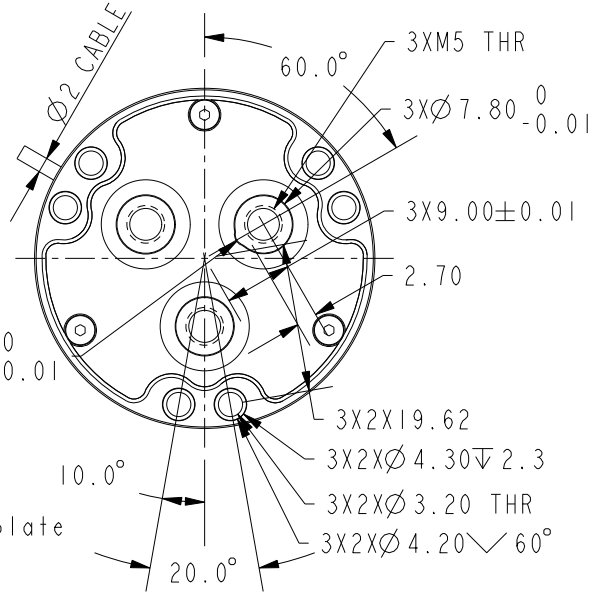
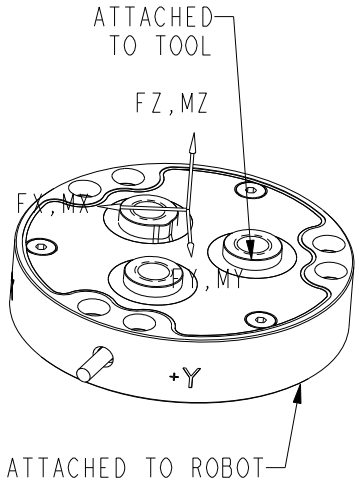


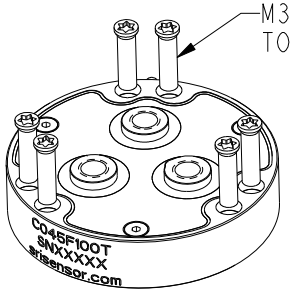


Allow 0.5mm gap between the sensor and mounting plate





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





	Fx	Fy	Fz	Mx	My	Mz
CAPACITY	100N	100N	100N	3Nm	3Nm	3Nm
OVERLOAD CAPACITY	300N	300N	300N	9Nm	9Nm	9Nm
OUTPUT (mV/V)	COUPLED OUTPUT					
BRIDGE RES. (Ω)	1400	1400	1400	1400	1400	1400

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
CROSSTALK (%F.S.)	2.5
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	0.5
OPERATING TEMP. RANGE (°C)	-40 TO +90
COMPENSATED TEMP. RANGE (°C)	10 TO 70
IP PROTECTION	IP60
MASS (KG)	0.03

SUNRISE INSTRUMENTS

www.srisensor.com

SIX AXIS CIRCULAR LOAD CELL
D45MM

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	C045F100T	REV. 0.1