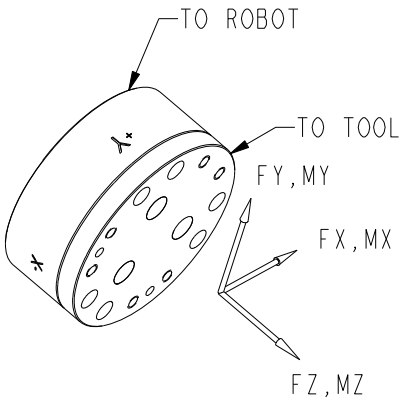
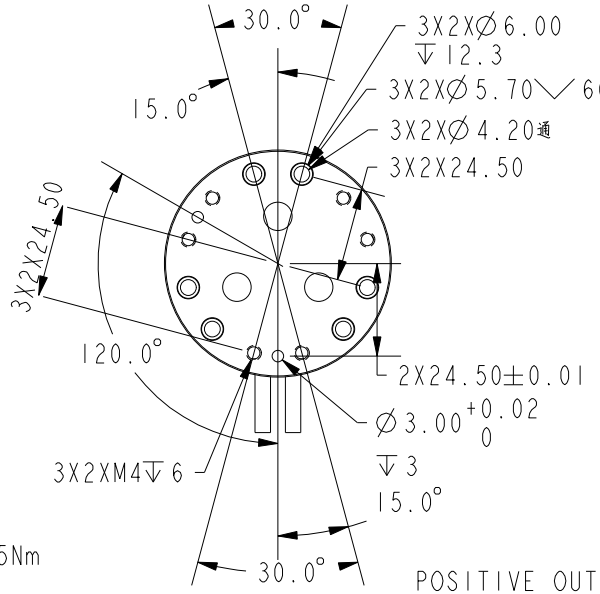
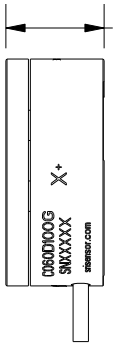
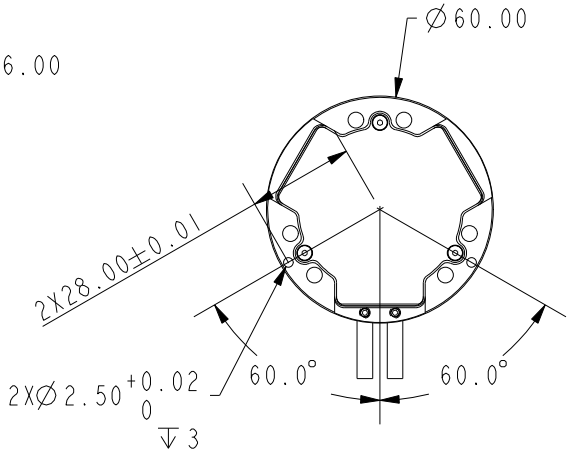
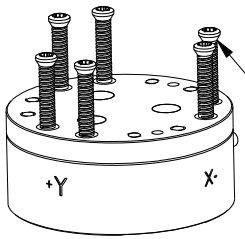


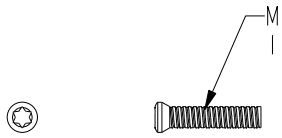


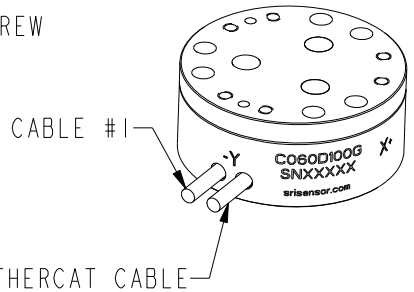






POSITIVE OUTPUT WHEN THE LOAD IS APPLIED TO THE TOOL SIDE
PER COORDINATE SYSTEM AS SHOWN
THE SENSOR HAS INTERNAL AMPLIFIER AND DATA AQUISITION SYSTEM.





ETHERCAT CABLE			
COLOR	FUNCTION	REMARK	SIZE
ORANGE	TXPB	ETHERCAT OUT	30 AWG
BLACK	TXNB		
GRAY	RXPB		
BROWN	RXNB		
BLUE	TXPA	ETHERCAT IN	
WHITE	TXNA		
YELLOW	RXPA		
GREEN	RXNA		

CABLE #1		
COLOR	FUNCTION	SIZE
BLUE	22~50V(DC)	30 AWG
WHITE	GND	
GRAY	RS232_RX	
BROWN	RS232_TX	
BLACK	SHIELD	

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	100	100	100	10	10	10
OVERLOAD CAPACITY (N/Nm)	300	300	300	30	30	30

SPECIFICATIONS	
EXCITATION (VDC)	48 V
CROSSTALK (%F.S.)	2.0
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	0.5
COMPREHENSIVE ACCURACY (%F.S.)	2.0
OPERATING TEMP. RANGE (°C)	-40 TO +90
COMPENSATED TEMP. RANGE (°C)	-10 TO 80
MASS (KG)	0.125

SUNRISE INSTRUMENTS

www.srisensor.com

SIX AXIS CIRCULAR LOAD CELL
D60MM F100N, ETHERCAT

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	C060D100G	REV. A