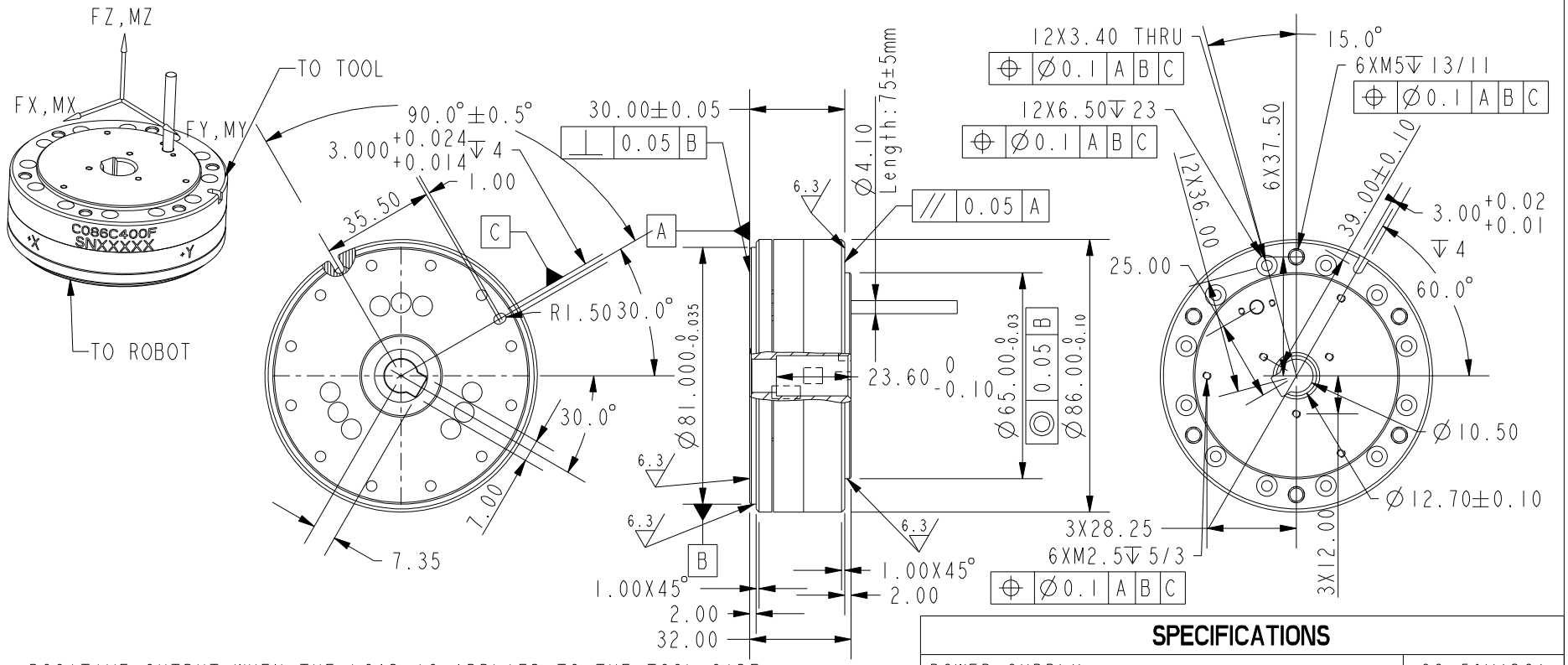


POSITIVE OUTPUT WHEN THE LOAD IS APPLIED TO THE TOOL SIDE
PER COORDINATE SYSTEM AS SHOWN
THE SENSOR HAS INTERNAL AMPLIFIER AND DATA AQUISITION SYSTEM.

ETHERCAT: Molex Art.No:5013300500			
PIN	COLOR	FUNCTION	SIZE
1	WHITE	TXP	30 AWG
2	BLUE	TXN	
3	YELLOW	RXP	
4	GREEN	RXN	
5		SHIELD	

Power: Molex Art.No:2263541202			
PIN	COLOR	FUNCTION	SIZE
1	BLACK	GND	30 AWG
2	ORANGE	22~50V(DC)	

Note:
GRAY=RS232_RX
BROWN=RS232_TX
These two wires are not included in the connector.

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	400	400	400	20	20	20
OVERLOAD CAPACITY (N/Nm)	1200	1200	1200	60	60	60

SPECIFICATIONS	
POWER SUPPLY	22~50V(DC)
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)	0.4

SUNRISE INSTRUMENTS

www.srisensor.com

SIX AXIS CIRCULAR LOAD CELL
D86MM F400N ETHERCAT

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	C086C400F	REV. 0.2