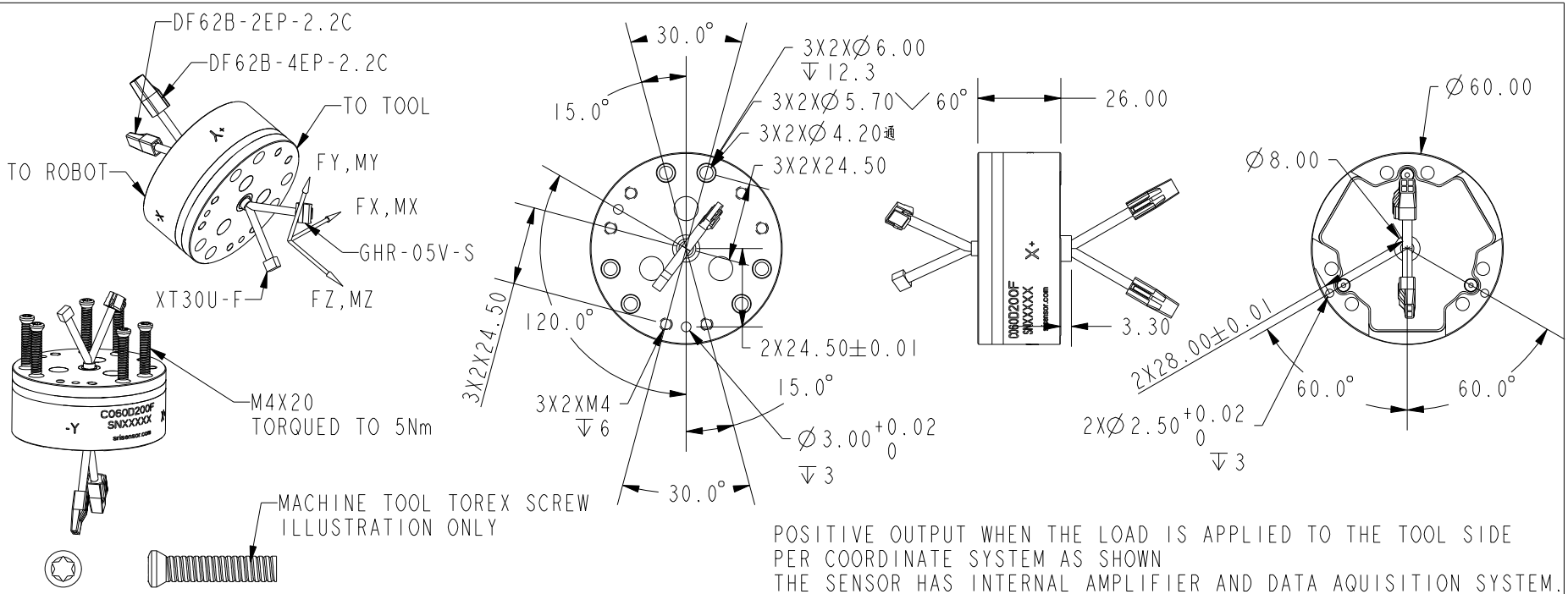

POSITIVE OUTPUT WHEN THE LOAD IS APPLIED TO THE TOOL SIDE
PER COORDINATE SYSTEM AS SHOWN
THE SENSOR HAS INTERNAL AMPLIFIER AND DATA AQUISITION SYSTEM.

Sensor Cable Connector Definition

	Connector Model	Pin #	Function	Note
Power Input	DF62B-2EP-2.2C	1	GND	
		2	VBAT	
EtherCAT IN	DF62B-4EP-2.2C	4	RXIN	
		3	RXIP	
		2	TXIN	
		1	TXIP	
Power Output	XT30U-F	1	GND	
		2	VBAT	
EtherCAT OUT	GHR-05V-S	5	RXIN	
		4	RXIP	
		3	TXIN	
		2	TXIP	
		1	GND	

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	200	200	200	20	20	20
OVERLOAD CAPACITY (N/Nm)	600	600	600	60	60	60

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 F200N, ETHERCAT

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	C060D200F	REV. A