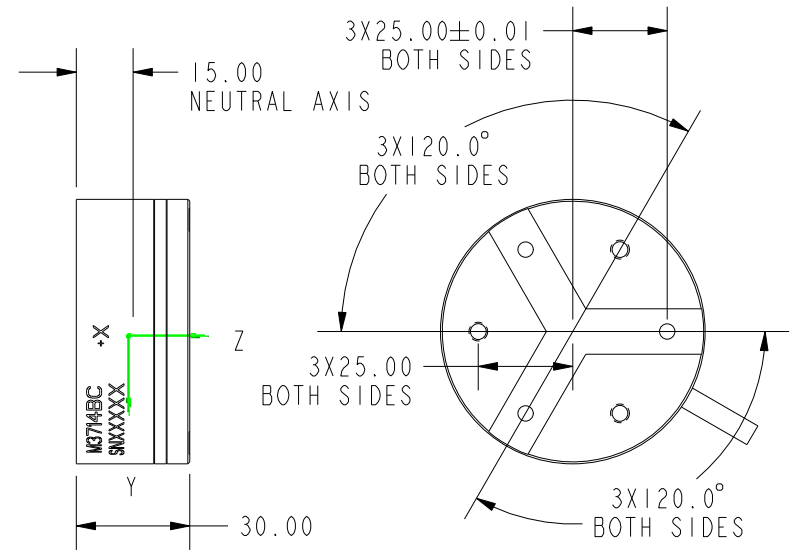
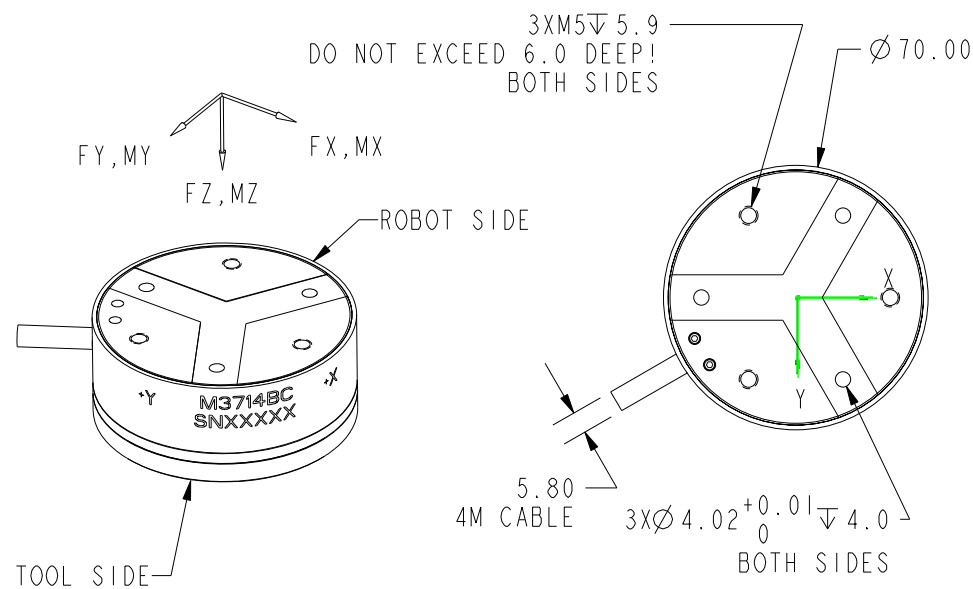




POSITIVE OUTPUT WHEN THE LOAD IS APPLIED TO THE TOOL SIDE
PER COORDINATE SYSTEM AS SHOWN

THE OUTPUTS ARE NOT STRUCTURALLY DECOUPLED
A 6X6 DECOUPLED MATRIX IS PROVIDED TO OBTAIN EACH COMPONENT

SPECIFICATIONS	
EXCITATION MAX. (V)	24
OVERLOAD CAPACITY (%F.S.)	300
FREE AIR RESONANT FREQ. (HZ.)	2000
CROSSTALK (%F.S.)	2.5
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	0.5
OPERATING TEMP. RANGE ($^\circ\text{C}$)	-40 TO +100
COMPENSATED TEMP. RANGE ($^\circ\text{C}$)	10 TO 70
MASS (KG)	0.29

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	800	800	1600	44	44	44
OUTPUT	EtherCAT					

CONNECTOR PIN ASSIGNMENT			
COLOR	FUNCTION	COLOR	FUNCTION
1 BLUE	+24V	5 WHITE/GREEN	RDP
2 WHITE/BLUE	GND	6 GREEN	RDN
3 WHITE/ORANGE	TDP	7 WHITE/BROWN	RX
4 ORANGE	TDN	8 BROWN	TX

SUNRISE INSTRUMENTS
www.srisensor.com

SIX AXIS CIRCULAR LOAD CELL, COUPLED
D70MM F800N, EtherCAT

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M3714BC	REV. A
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