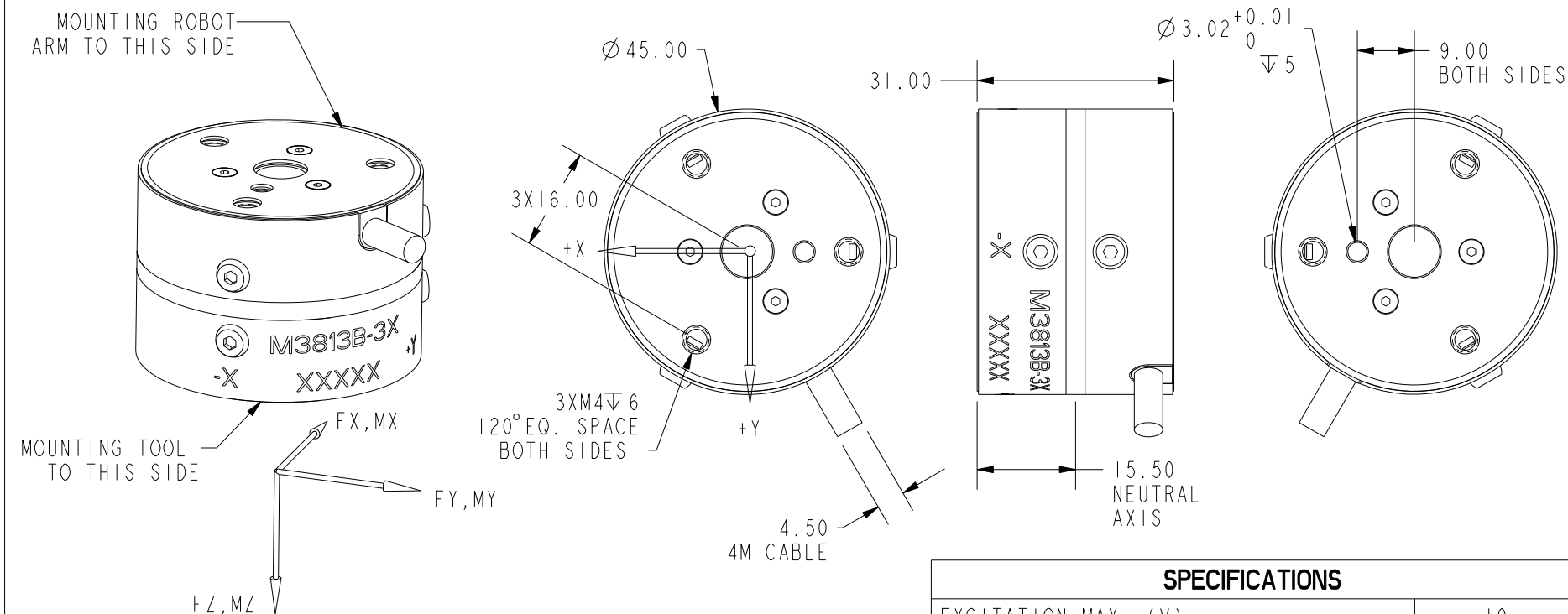




OUTPUT IS POSITIVE WHEN THE LOAD IS APPLIED TO THE TOOL SIDE PER COORDINATE AS SHOWN. A 6X6 MATRIX IS PROVIDED FOR DECOUPLING

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	70	70	70	/	/	/
OUTPUT (mV/V)	COUPLED					
BRIDGE RES. (Ω)	1400	700	1400	/	/	/

WIRING CODE - TWISTED PAIR						
FUNC	Fx	Fy	Fz	Mx	My	Mz
+SIG	WHITE(BROWN)	ORG(BROWN)	BLUE(BROWN)	/	/	/
-SIG	BROWN(WHITE)	BROWN(ORG)	BROWN(BLUE)	/	/	/
+EXC	ORG(BLACK)	BLACK(ORG)	BLUE(BLACK)	/	/	/
-EXC	YELLOW(BLACK)			/		
"YEL"="YELLOW", "ORG"="ORANGE", "WHITE(BROWN)" = WHITE CABLE IN WHITE/BROWN PAIR						

SPECIFICATIONS

EXCITATION MAX. (V)	10
OVERLOAD CAPACITY (%F.S.)	600
FREE AIR RESONANT FREQ. (HZ.)	500
CROSSTALK - WITH ADJUSTMENT (%F.S.)	2.0
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	0.5
OPERATING TEMP. RANGE (°C)	-40 TO +100
COMPENSATED TEMP. RANGE (°C)	10 TO 70
MASS (KG)	0.09

SUNRISE INSTRUMENTS

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3 AXIS CIRCULAR LOAD CELL
D45MM F70N

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M3813B-3X

REV.
B