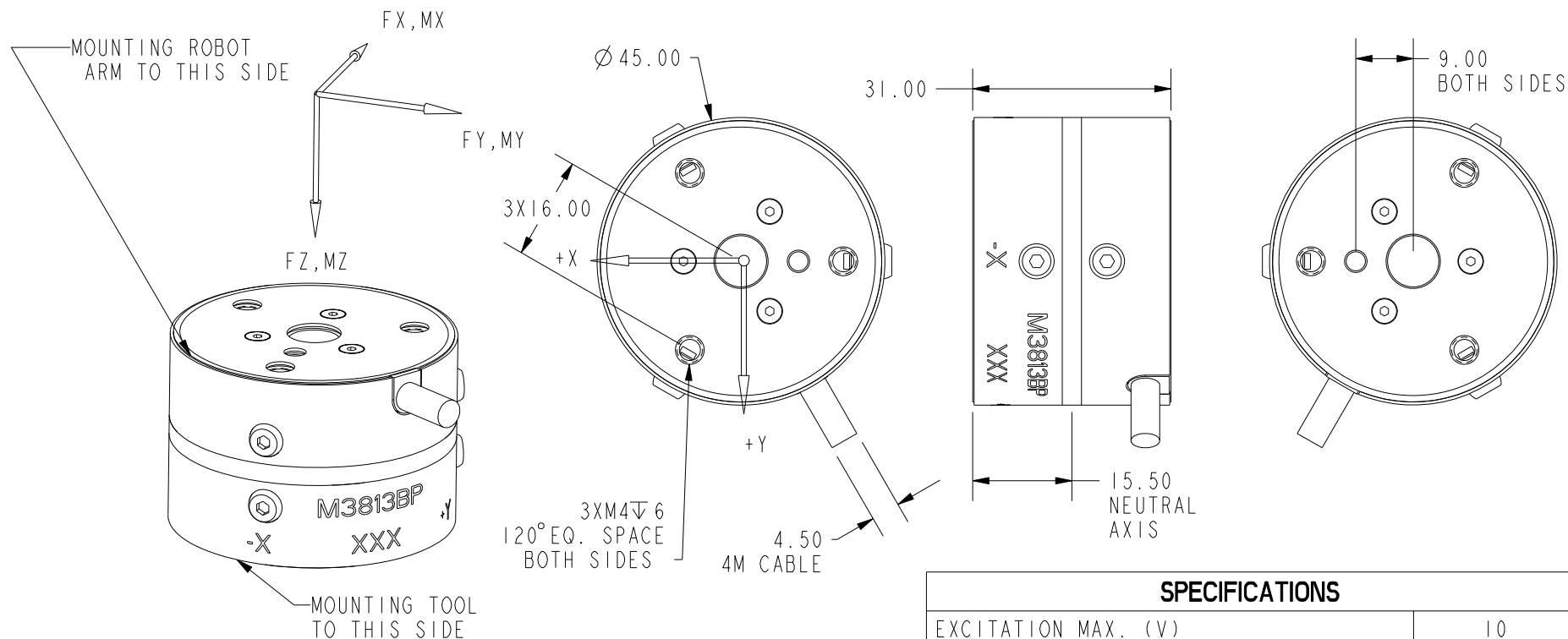




OUTPUT IS POSITIVE WHEN THE LOAD IS APPLIED TO THE TOOL SIDE PER COORDINATE AS SHOWN. A 6X6 MATRIX IS PROVIDED FOR DECOUPLING
IP RATING: IP68

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

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	70	70	70	3.0	3.0	3.0
OUTPUT (mV/V)	COUPLED					
BRIDGE RES. (Ω)	1400	700	1400	700	1400	700

WIRING CODE - TWISTED PAIR						
FUNC	CHN1	CHN2	CHN3	CHN4	CHN5	CHN6
+SIG	WHITE(BROWN)	ORG(BROWN)	BLUE(BROWN)	YEL(BROWN)	RED(BROWN)	WHITE(BLACK)
-SIG	BROWN(WHITE)	BROWN(ORG)	BROWN(BLUE)	BROWN(YEL)	BROWN(RED)	BLACK(WHITE)
+EXC	ORG(BLACK)	BLACK(ORG)	BLUE(BLACK)	BLACK(BLUE)	RED(BLACK)	BLACK(RED)
-EXC	YELLOW(BLACK)			BLACK(YELLOW)		
"YEL"="YELLOW", "ORG"="ORANGE", "WHITE(BROWN)" = WHITE CABLE IN WHITE/BROWN PAIR						

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SIX AXIS CIRCULAR LOAD CELL
D45MM F70N, IP68

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M3813BP

REV.
B