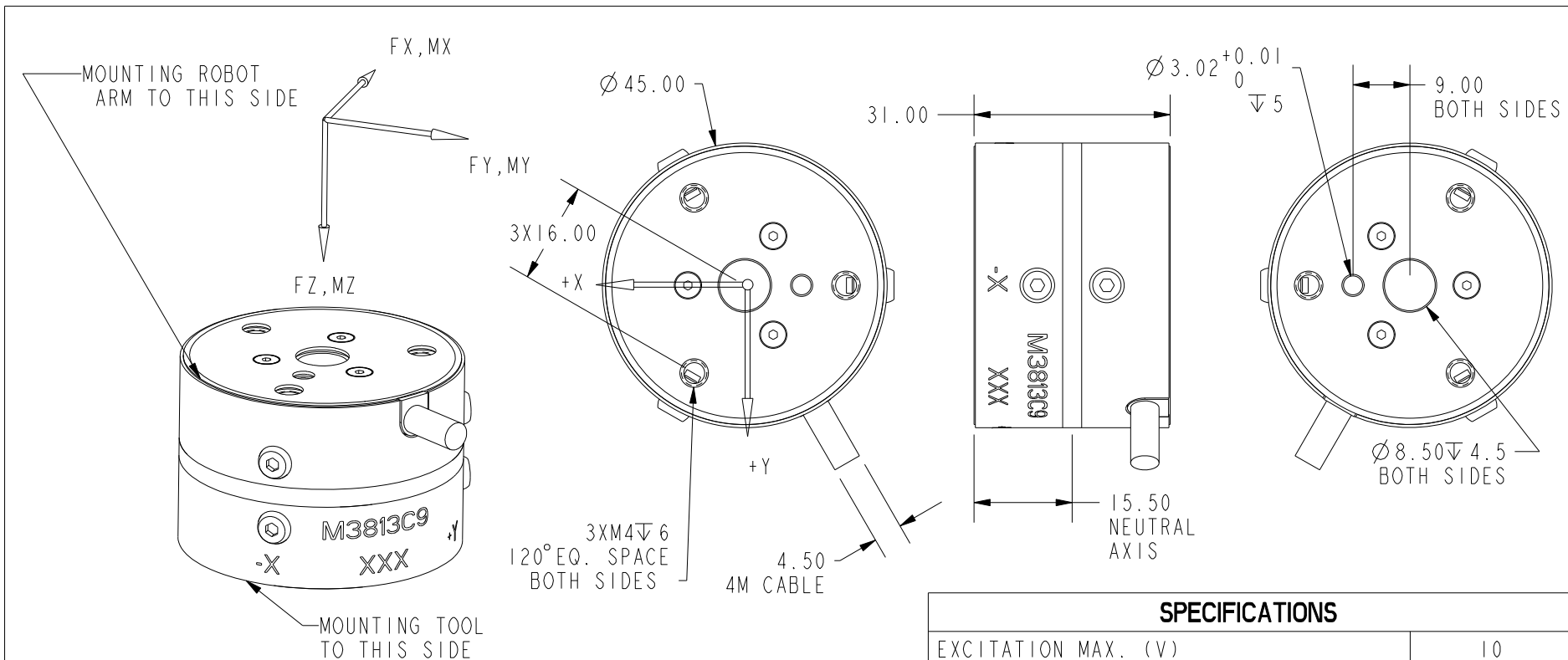




OUTPUT IS POSITIVE WHEN THE LOAD IS APPLIED TO THE TOOL SIDE PER COORDINATE AS SHOWN. A 6X6 MATRIX IS PROVIDED FOR DECOUPLING

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (FULL RANGE)	65N	65N	200N	5.0NM	5.0NM	5.0NM
2ND CALIBRATION RANGE	32N	32N	100N	2.5NM	2.5NM	2.5NM
OUTPUT (mV/V)	COUPLED					
BRIDGE RES. (Ω)	350	350	700	350	350	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						

SPECIFICATIONS

EXCITATION MAX. (V)	10
OVERLOAD CAPACITY (%F.S.)	600
FREE AIR RESONANT FREQ. (HZ.)	750
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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SIX AXIS CIRCULAR F/T SENSOR
D45MM

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M3813C9

REV.
A