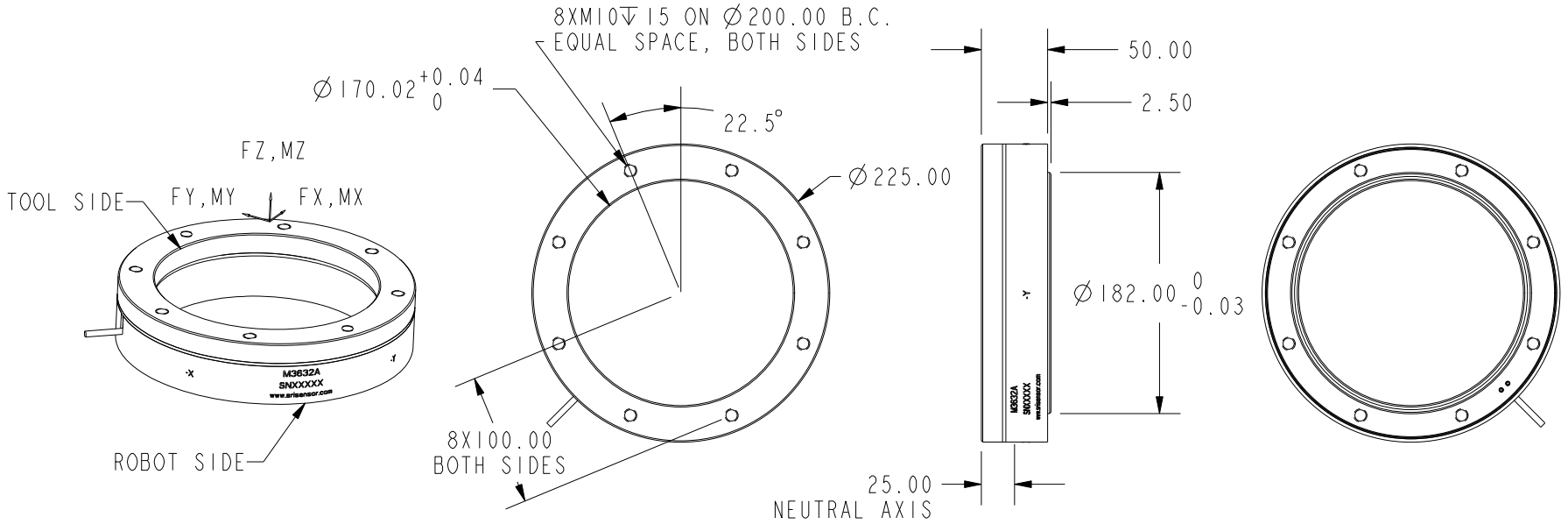


POSITIVE OUTPUT IS EXPECTED WHEN LOAD (FORCE OR MOMENT) IS APPLIED TO THE TOOL SIDE PER COORIDNATE SYSTEM AS SHOWN

ALL CHANNELS ARE STRUCTURALLY DECOUPLED. NO DECOUPLING ALGORITHM REQURED. STANDARD DATA AQUISITION SYSTEM CAN BE USED

IP PROTECTION: IP60. USE PART # "M3632AP" FOR IP68 (10M) VERSION

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	8000	8000	16000	1000	1000	1000
OUTPUT (mV/V)	2.0	2.0	0.8	1.8	1.8	2.0
BRIDGE RES. (Ω)	700	700	700	700	700	1400

SPECIFICATIONS	
EXCITATION MAX. (V)	15
OVERLOAD CAPACITY (%F.S.)	150
FREE AIR RESONANT FREQ. (HZ.)	4100
CROSSTALK (%F.S.)	5
NON-LINEARITY (%F.S.)	1.0
HYSTERESIS (%F.S.)	1.0
OPERATING TEMP. RANGE (°C)	-40 TO +100
IP PROTECTION	IP60
MASS (KG)	4.1

WIRING CODE - TWISTED PAIR

FUNC	FX	FY	FZ	MX	MY	MZ
+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

SUNRISE INSTRUMENTS

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SIX AXIS CIRCULAR LOAD CELL
D225MM F8000N

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M3632A	REV. A