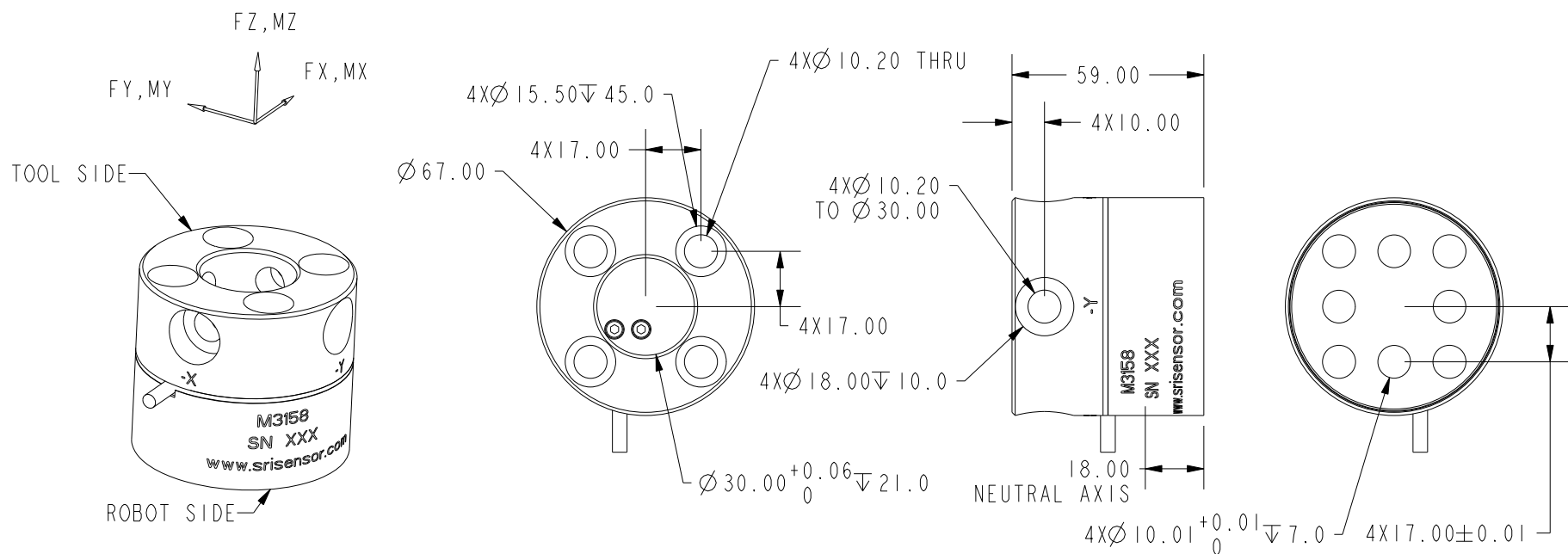




POSITIVE OUTPUT IS EXPECTED WHEN LOAD (FORCE OR MOMENT) IS APPLIED TO THE TOOL SIDE PER COORDINATE SYSTEM AS SHOWN

ALL CHANNELS ARE STRUCTURALLY DECOUPLED. NO DECOUPLING ALGORITHM REQUIRED. STANDARD DATA ACQUISITION SYSTEM CAN BE USED

IP PROTECTION: IP60. USE PART # "M3944P" FOR IP68 (IOM) VERSION

SPECIFICATIONS

EXCITATION MAX. (V)	15
OVERLOAD CAPACITY (%F.S.)	150
FREE AIR RESONANT FREQ. (HZ.)	5500
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)	0.79

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	40000	40000	40000	900	900	900
OUTPUT (mV/V)	2.5	2.5	0.6	1.6	1.6	1.6
BRIDGE RES. (Ω)	350	350	350	350	350	700

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 LOAD CELL
D67MM F40kN

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M3158B

REV.
A