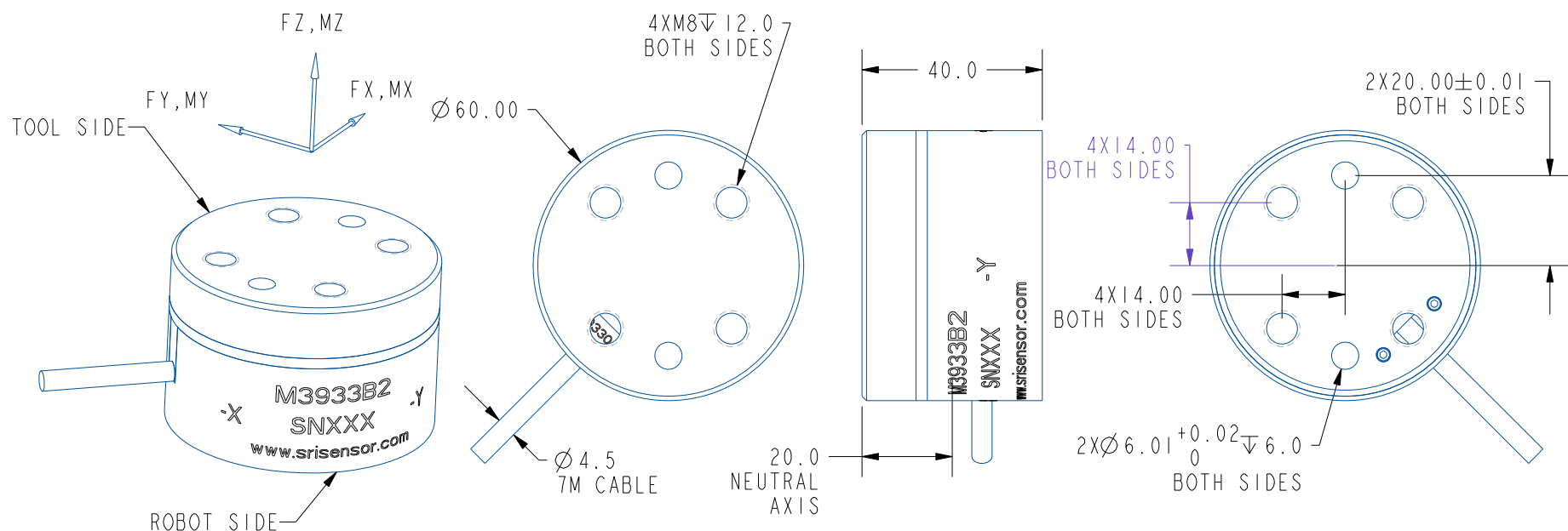




POSITIVE OUTPUT IS EXPECTED WHEN LOAD (FORCE OR MOMENT) IS APPLIED TO THE TOOL SIDE PER COORDINATE SYSTEM AS SHOWN

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

IP PROTECTION: IP60. USE PART # "M3933P" FOR IP68 (10M) VERSION

	F _x	F _y	F _z	M _x	M _y	M _z
CAPACITY (N/Nm)	5400	5400	10800	240	240	192
OUTPUT (mV/V)	COUPLED					
BRIDGE RES. (Ω)	350	350	350	350	350	700

WIRING CODE			
FUNCTION	COLOR	FUNCTION	COLOR
+VIN(+7V)	RED	CANL	WHITE
GND	BLACK	TX-RS232	ORANGE
CANH	GREEN	RX-RS232	YELLOW

SPECIFICATIONS

EXCITATION MAX. (V)	7.5±0.5V
OVERLOAD CAPACITY (%F.S.)	150
FREE AIR RESONANT FREQ. (HZ.)	3400
CROSSTALK (%F.S.)	5.0
NON-LINEARITY (%F.S.)	1.0
HYSTERESIS (%F.S.)	1.0
OPERATING TEMP. RANGE (°C)	-40 TO +100
MASS (KG)	0.51

SUNRISE INSTRUMENTS
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SIX AXIS CIRCULAR LOAD CELL
D60MM F5400N

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M3933B2

REV.
A