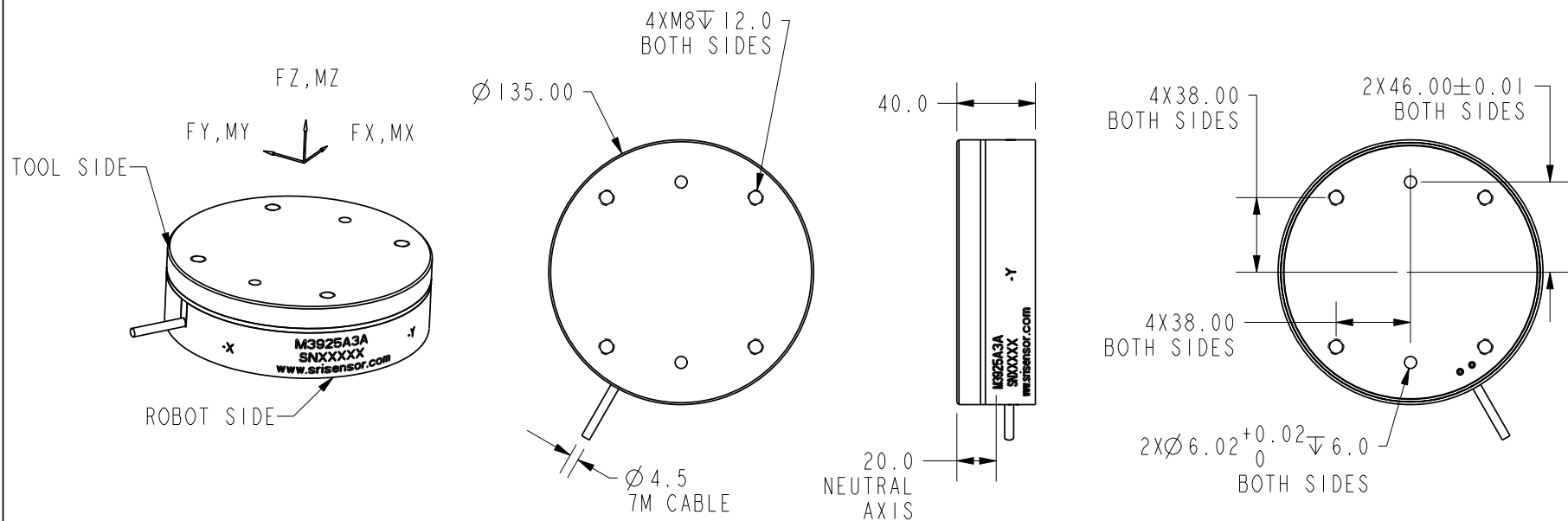




POSITIVE OUTPUT IS EXPECTED WHEN LOAD (FORCE OR MOMENT) IS APPLIED TO THE TOOL SIDE PER COORDINATE SYSTEM AS SHOWN

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

IP PROTECTION: IP65.

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	800N	NA	NA	NA	NA	NA
OUTPUT (V)	±5V	NA	NA	NA	NA	NA

DIFFERENTIAL OUTPUT, COMMON MODE AT 0V

WIRING CODE - TWISTED PAIR WIRES			
FZ		MZ	
COLOR	FUNCTION	COLOR	FUNCTION
BLUE&BLACK + ORANGE(BLACK) - 24V			
RED&BLACK + YELLOW&BLACK - GND			
BLUE(BROWN)	+FX.	WHITE(BLACK)	+MY.
BROWN(BLUE)	-FX.	BLACK(WHITE)	-MY.

SPECIFICATIONS

EXCITATION MAX. (V)	24V
OVERLOAD CAPACITY (%F.S.)	500
FREE AIR RESONANT FREQ. (HZ.)	3300
CROSSTALK (%F.S.)	N/A
NON-LINEARITY (%F.S.)	1.0
HYSTERESIS (%F.S.)	1.0
OPERATING TEMP. RANGE (°C)	-40 TO +100
MASS (KG)	0.94

SUNRISE INSTRUMENTS
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UNIAXIAL AXIS CIRCULAR LOAD CELL
DI35MM FX (IP65)

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M3925A3A

REV.
0.1