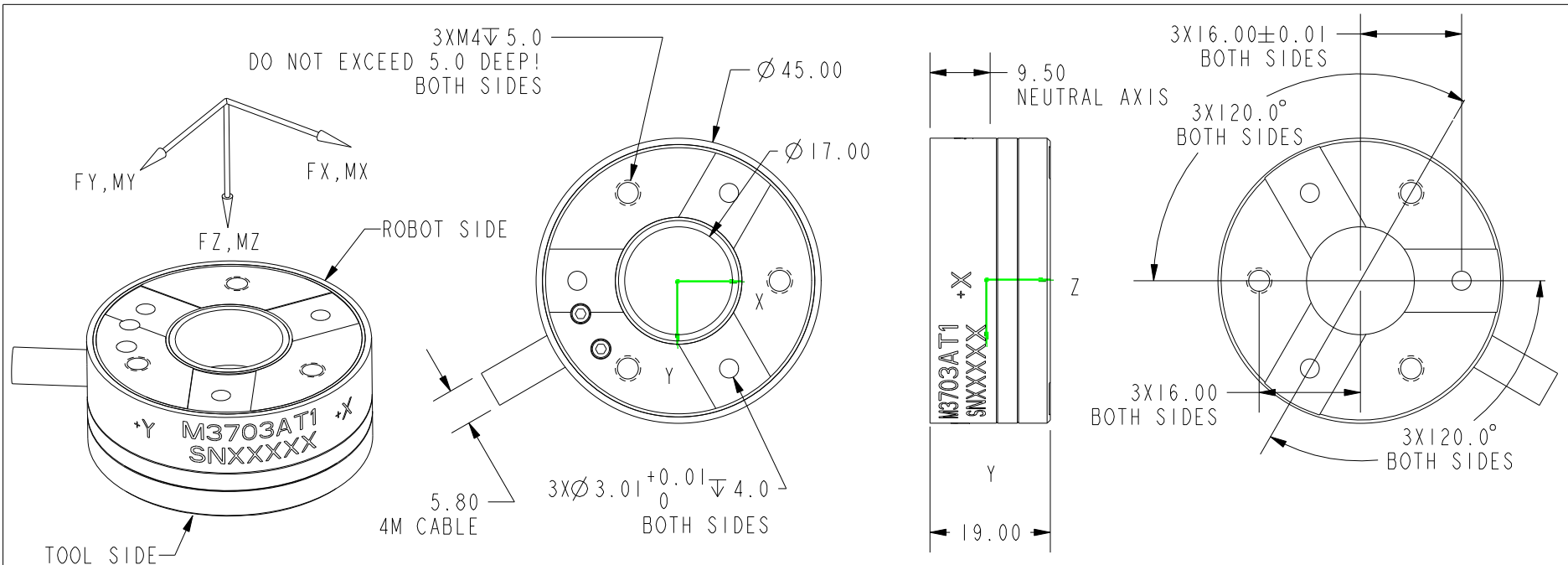




POSITIVE OUTPUT WHEN THE LOAD IS APPLIED TO THE TOOL SIDE
PER COORDINATE SYSTEM AS SHOWN

THE OUTPUTS ARE NOT STRUCTURALLY DECOUPLED
A 6X6 DECOUPLED MATRIX IS PROVIDED TO OBTAIN EACH COMPONENT

CONNECTOR PIN ASSIGNMENT

COLOR	FUNCTION	COLOR	FUNCTION
1 BLUE	+24V	5 WHITE/GREEN	RDP
2 WHITE/BLUE	GND	6 GREEN	RDN
3 WHITE/ORANGE	TDP	7 WHITE/BROWN	RX
4 ORANGE	TDN	8 BROWN	TX

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	50	50	100	1.75	1.75	1.75
OUTPUT (mV/V)	ETHERNET UDP					
BRIDGE RES. (Ω)	350	350	350	350	350	350

SPECIFICATIONS

EXCITATION MAX. (V)	24
OVERLOAD CAPACITY (%F.S.)	300
FREE AIR RESONANT FREQ. (HZ.)	1500
CROSSTALK (%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)	0.042

SUNRISE INSTRUMENTS

www.srisensor.com

SIX AXIS CIRCULAR LOAD CELL,
D45MM F50N, ETHERNET UDP

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M3703AT1

REV.
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