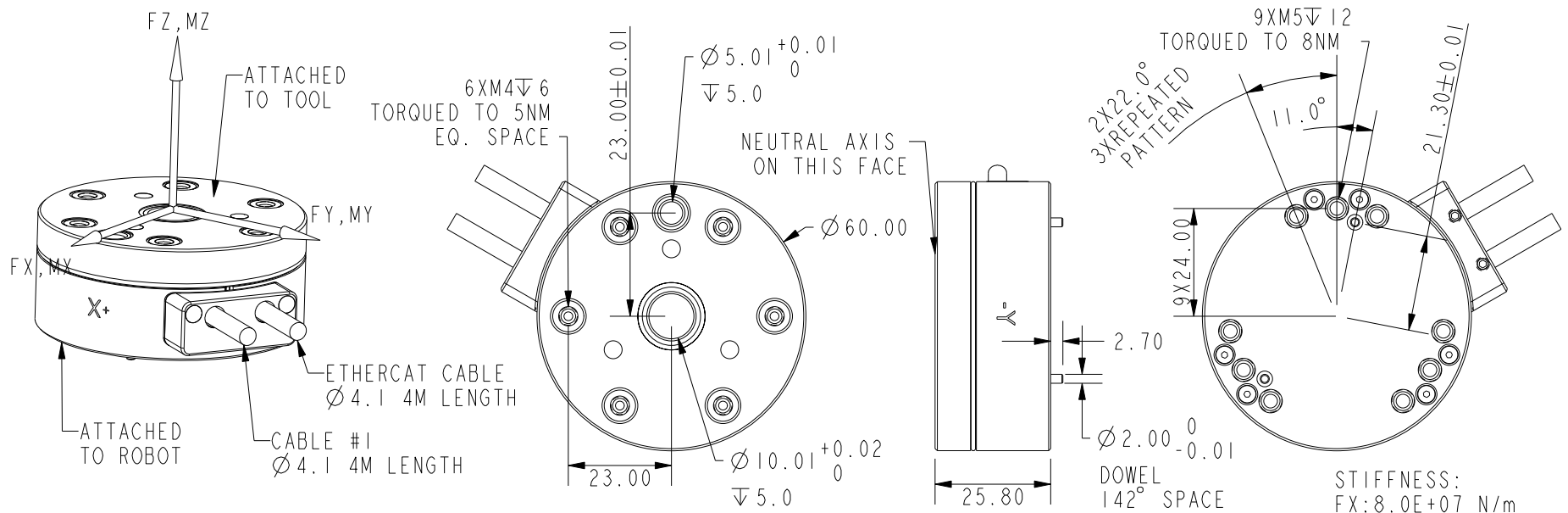




TO OBTAIN ACCURATE OUTPUT, BOTH SIDES OF THE SENSOR MUST BE MOUNTED WITH A METAL PLATE WITH MIN. 8MM THICK

IP PROTECTION: IP60

SUFFICIENT DYNAMIC RANGE FOR ZERO OFFSET UP TO 120% F.S.

ETHERCAT CABLE		
COLOR	FUNCTION	REMARK
ORANGE	TXPB	ETHERCAT OUT
BLACK	TXNB	
GRAY	RXPB	
BROWN	RXNB	
BLUE	TXPA	ETHERCAT IN
WHITE	TXNA	
YELLOW	RXPA	
GREEN	RXNA	
SHIELD	SHIELD	SHIELD

CABLE #1	
COLOR	FUNCTION
ORANGE	+24V(DC)
BLACK	GND
GRAY	RX
BROWN	TX
SHIELD	SHIELD

SPECIFICATIONS	
POWER SUPPLY (V)	+24
OVERALL ACCURACY (%F.S.)	1.5
OPERATING TEMP. RANGE (°C)	-20 TO +90
DIGITAL OUTPUT	ETHERCAT
SAMPLING RATE (Hz)	2000
FREE AIR RESONANT FREQ. (Hz)	1060
MASS (NOT INCLUDING CABLE)	125±10G

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY	300N	300N	300N	60Nm	60Nm	60Nm
OVERLOAD CAPACITY	1500N	1500N	1500N	120Nm	120Nm	120Nm
PEAK-TO-PEAK NOISE = 6.6 X RMS NOISE (EFFECTIVE RESOLUTION) NOISE IS MEASURED AT SAMPLING RATE 2000HZ						
PEAK-TO-PEAK NOISE	0.8N	0.7N	0.8N	0.015Nm	0.015Nm	0.016Nm
EFFECTIVE RESOLUTION	0.12N	0.11N	0.12N	0.002Nm	0.002Nm	0.002Nm

SUNRISE INSTRUMENTS

www.srisensor.com

SIX AXIS CIRCULAR LOAD CELL
D60MM, F300N, ETHERCAT OUTPUT

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M43I3SIC6A

REV.
0.2