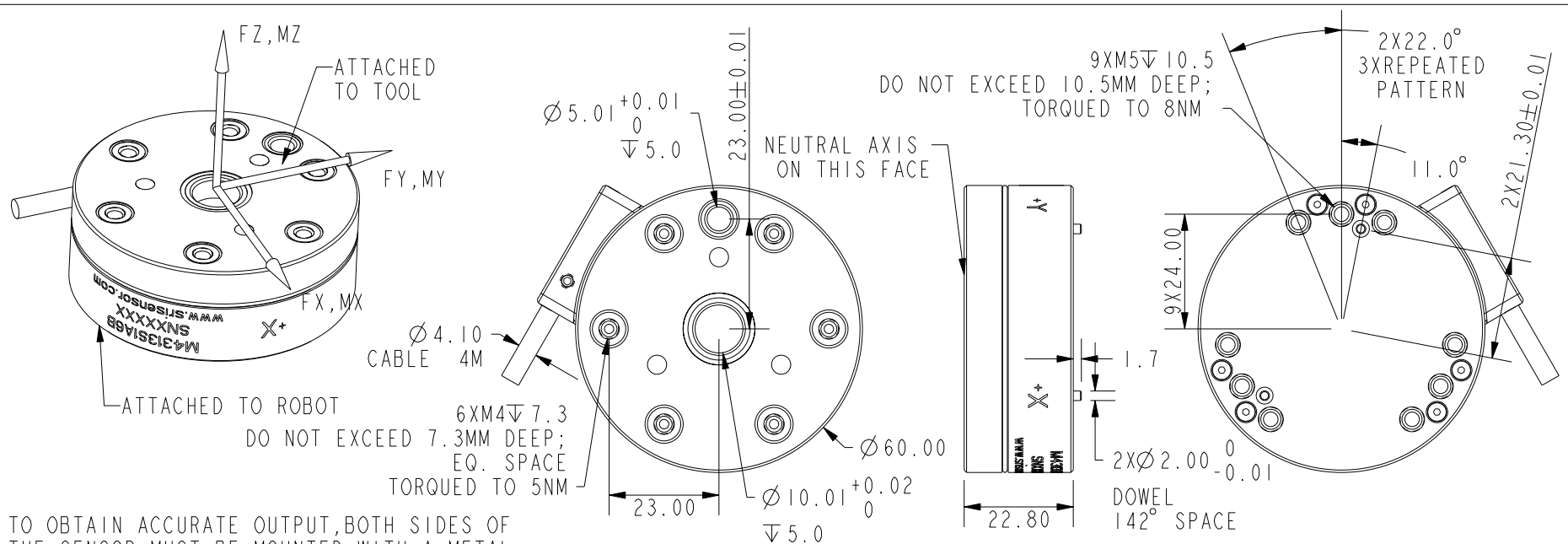




TO OBTAIN ACCURATE OUTPUT, BOTH SIDES OF THE SENSOR MUST BE MOUNTED WITH A METAL PLATE WITH MIN. 8MM THICK

IP PROTECTION: IP60

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

PATENT NO.: 202322769210.4

STIFFNESS:

FX: 8.0E+07 N/m

FY: 6.0E+07 N/m

FZ: 1.6E+08 N/m

MX: 3.6E+04 Nm/rad

MY: 2.3E+04 Nm/rad

MZ: 3.3E+04 Nm/rad

SPECIFICATIONS		
POWER SUPPLY (V)	11 TO 25	
OVERALL ACCURACY (%F.S.)	1.5	
OPERATING TEMP. RANGE (°C)	-20 TO +80	
DIGITAL OUTPUT	RS485	
SAMPLING RATE (Hz)	2000	
FREE AIR RESONANT FREQ. (Hz)	1060	
MASS (NOT INCLUDING CABLE)	115±10g	
SUNRISE INSTRUMENTS www.srisensor.com		
SIX AXIS CIRCULAR LOAD CELL D60MM, F300N, RS485 OUTPUT		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M4313S1A6B	REV. A

CABLE #1				MY: 2.3E+04Nm/rad MZ: 3.3E+04Nm/rad			
COLOR	FUNCTION	COLOR	FUNCTION				
ORANGE	11 TO 25V	WHITE	RS485B	LED STATUS	SENSOR STATUS		
GRAY	RX	YELLOW	/	OFF	POWER OFF		
BROWN	TX	GREEN	/	FLIKER	WORK PROPERLY		
BLUE	RS485A	BLACK	GND	ON	ABNORMAL		
		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	0.016N
EFFECTIVE RESOLUTION		0.12N	0.11N	0.12N	0.002Nm	0.002Nm	0.002N