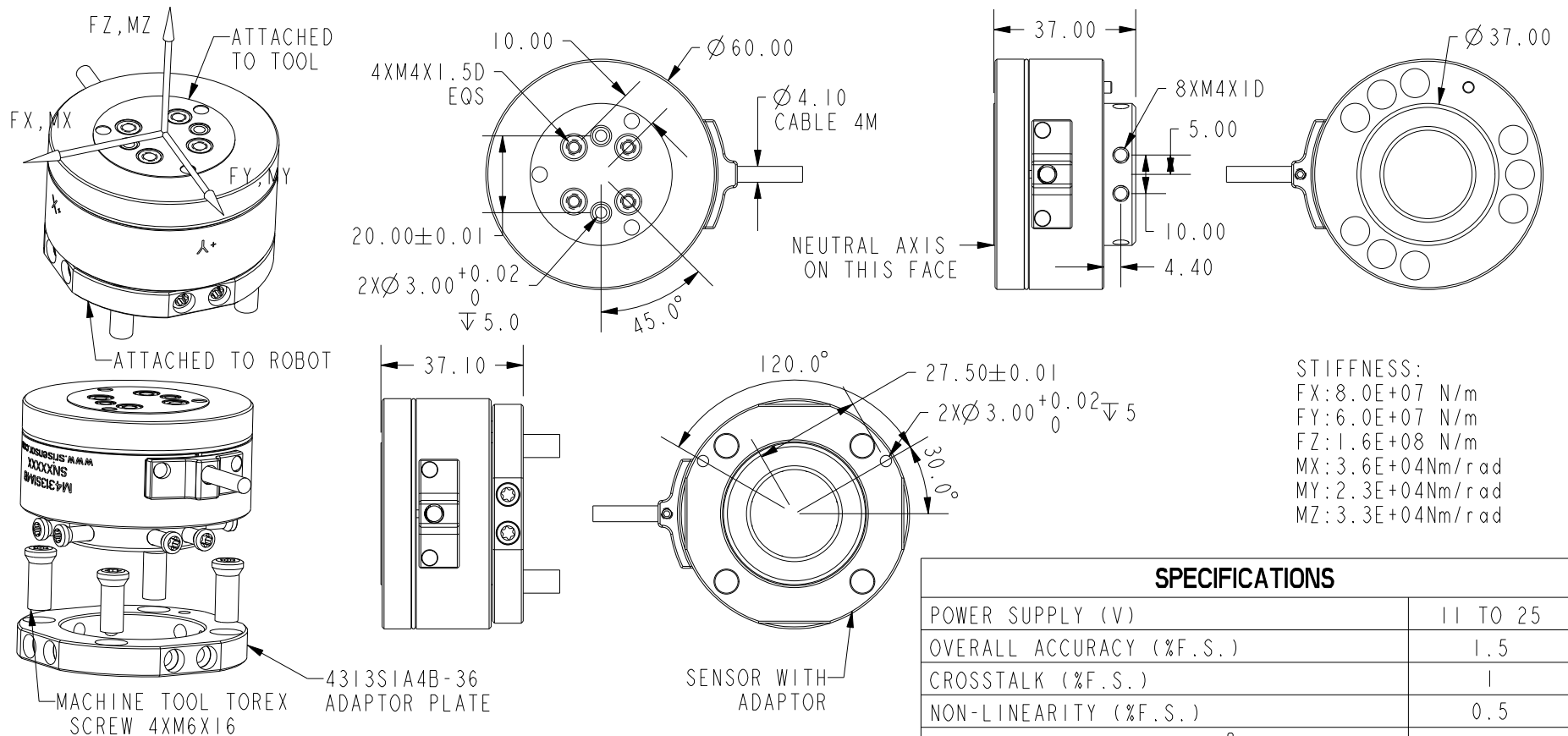




STIFFNESS:
 FX:8.0E+07 N/m
 FY:6.0E+07 N/m
 FZ:1.6E+08 N/m
 MX:3.6E+04Nm/rad
 MY:2.3E+04Nm/rad
 MZ:3.3E+04Nm/rad

SPECIFICATIONS	
POWER SUPPLY (V)	11 TO 25
OVERALL ACCURACY (%F.S.)	1.5
CROSSTALK (%F.S.)	1
NON-LINEARITY (%F.S.)	0.5
OPERATING TEMP. RANGE (°C)	-20 TO +80
ZERO OFFSET DRIFT(%F.S./°C)	<0.005
SAMPLING RATE (Hz)	2000
FREE AIR RESONANT FREQ.(Hz)	1060
MASS (KG) NOT INCLUDING ADAPTOR	0.18
MASS (KG) INCLUDING ADAPTOR	0.23

CABLE			
COLOR	FUNCTION	COLOR	FUNCTION
ORANGE	+24V	WHITE	RS485B
GRAY	RX	YELLOW	/
BROWN	TX	GREEN	/
BLUE	RS485A	BLACK	GND

IP PROTECTION:IP60
 SUFFICIENT DYNAMIC RANGE
 FOR ZERO OFFSET UP TO
 120% F.S.
 PATENT NO.:202322769210.4

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY	400N	400N	400N	10Nm	10Nm	10Nm
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, F400N, RS485 OUTPUT

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M4313S1A4B	REV. 0.2
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