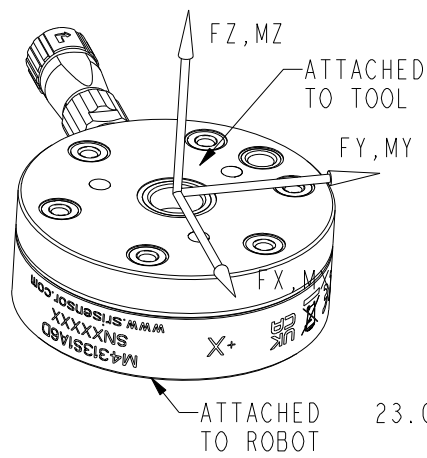
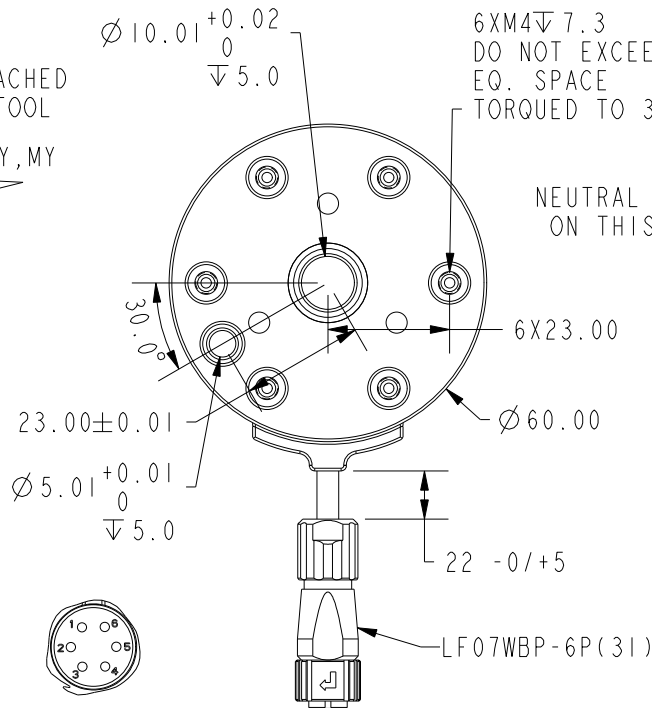
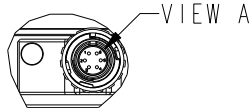




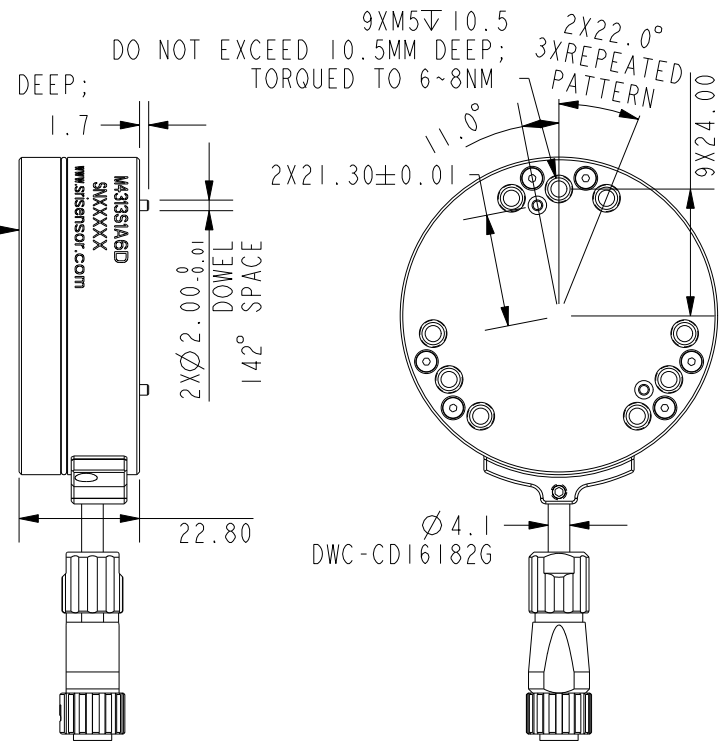
STIFFNESS:
 FX: 8.0E+07 N/m
 FY: 6.0E+07 N/m
 FZ: 1.6E+08 N/m
 MX: 3.6E+04 Nm/rad
 MY: 2.3E+04 Nm/rad
 MZ: 3.3E+04 Nm/rad



VIEW A
SCALE 2.0



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.



CONNECTOR PINOUT	
PIN #	FUNCTION
1	RX(RS232)
2	TX(RS232)
3	RS485A
4	RS485B
5	11 TO 25V
6	GND
SHELL	SHIELD

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

	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, RS485 OUTPUT

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M4313S1A6D	REV. 0.3
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