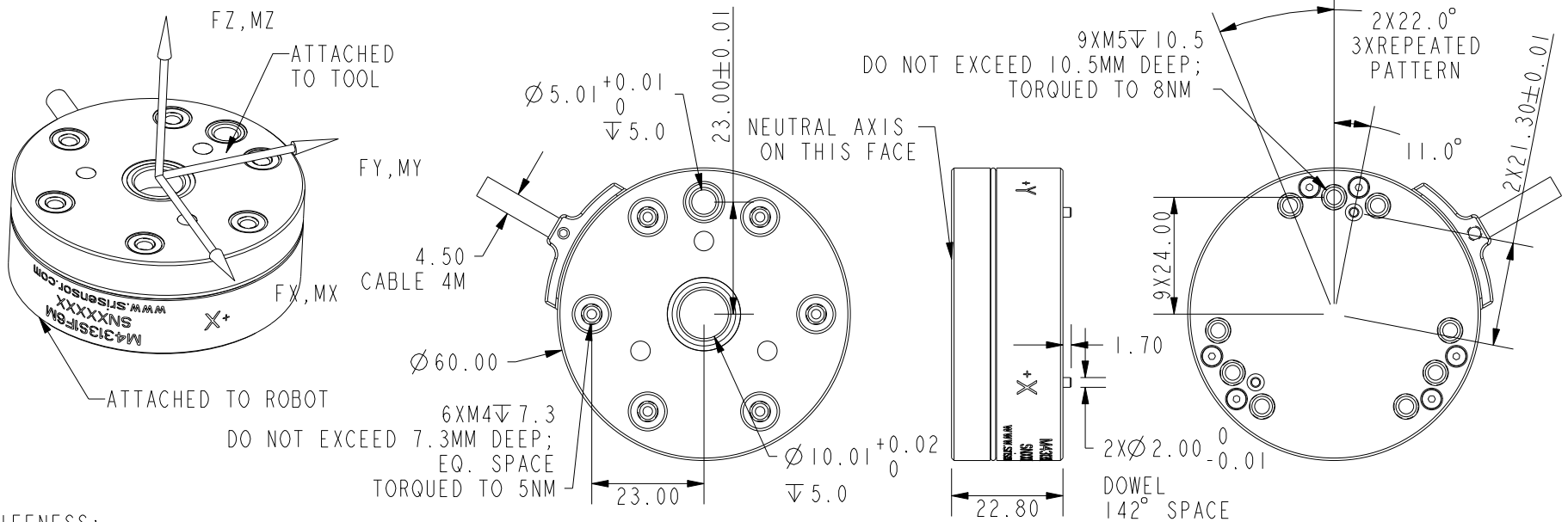




STIFFNESS:
 FX: 8.0E+07 N/m
 FY: 6.0E+07 N/m
 FZ: 1.6E+08 N/m
 MX: 3.6E+04 Nm/rad
 MY: 2.3E+04 Nm/rad
 MZ: 3.3E+04 Nm/rad

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.

WIRING CODE - TWISTED PAIR

FUNC	CHN1	CHN2	CHN3	CHN4	CHN5	CHN6	CHN7	CHN8	CHN9
+SIG	WT(BN)	OG(BN)	BL(BN)	YL(BN)	RD(BN)	WT(BK)	OG(BK)	BL(BK)	YL(BK)
-SIG	BN(WT)	BN(OG)	BN(BL)	BN(YL)	BN(RD)	BK(WT)	BK(OG)	BK(BL)	BK(YL)
+EXC	RD(BK)								
-EXC	BK(RD)								

WT=WHITE, BN=BROWN, OG=ORANGE, BL=BLUE, YL=YELLOW, RD=RED, BK=BLACK, "WT(BN)" = WHITE CABLE IN WHITE/BROWN PAIR

	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

SPECIFICATIONS

EXCITATION MAX. (V)	20
OVERALL ACCURACY (%F.S.)	1.5
OPERATING TEMP. RANGE (°C)	-20 TO +90
OUTPUT(mV/V)	ANALOGMV
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, ANALOGMV OUTPUT

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M4313SIF6M	REV. 0.2
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