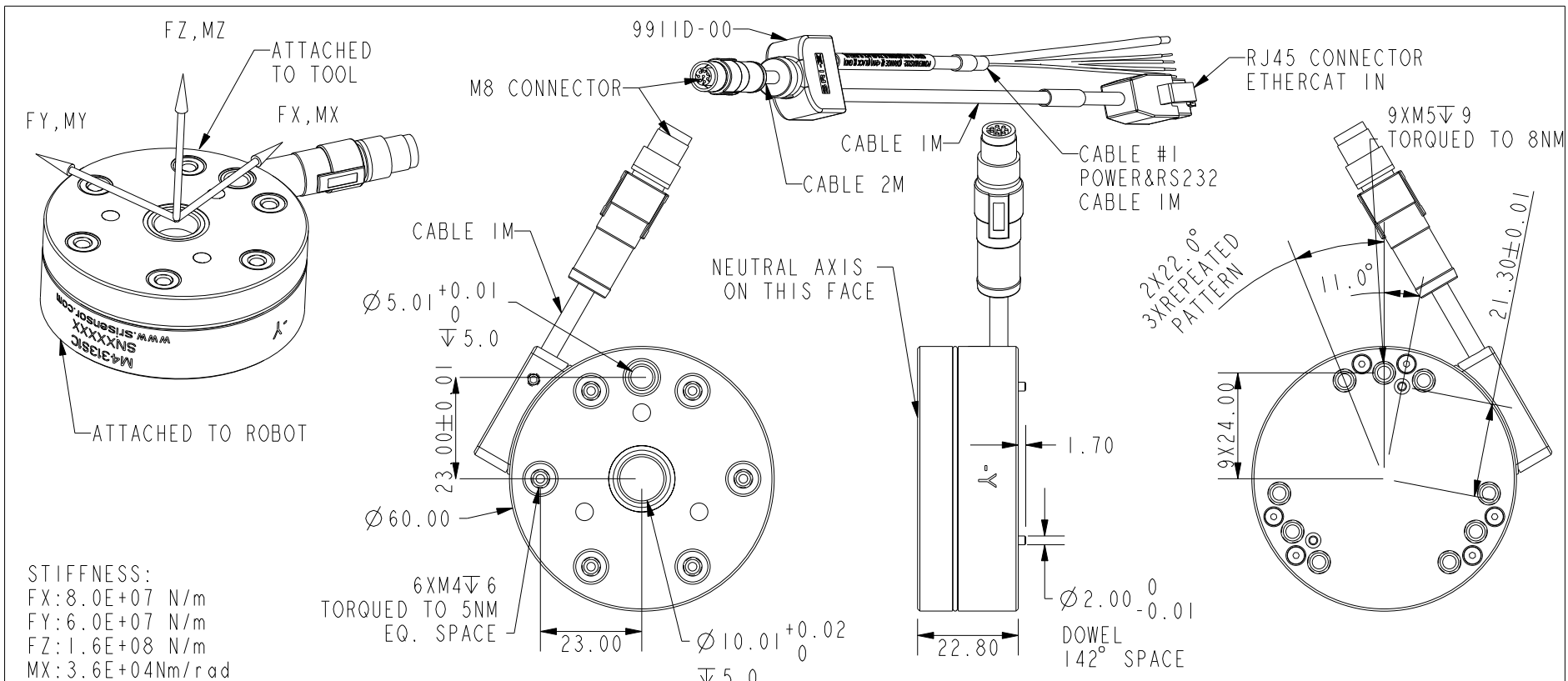




STIFFNESS:
 FX: 8.0E+07 N/m
 FY: 6.0E+07 N/m
 FZ: 1.6E+08 N/m
 MX: 3.6E+04 Nm/rad
 MY: 2.3E+04 Nm/rad
 MZ: 3.3E+04 Nm/rad

CABLE #1	
COLOR	FUNCTION
ORANGE	+24V
BLACK	GND
GRAY	RX
BROWN	TX

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.

	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

POWER SUPPLY (V)	+24
OVERALL ACCURACY (% F.S.)	1.5
OPERATING TEMP. RANGE (°C)	-20 TO +90
DIGITAL OUTPUT	ETHERCAT
SAMPLING RATE (Hz)	2000
MASS (NOT INCLUDING CABLE)	115 $\pm$ 10G

SUNRISE INSTRUMENTS

www.srisensor.com

SIX AXIS CIRCULAR LOAD CELL
 D60MM, F300N, ETHERCAT OUTPUT

UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN MM

M4313SIC

REV.
 0.1