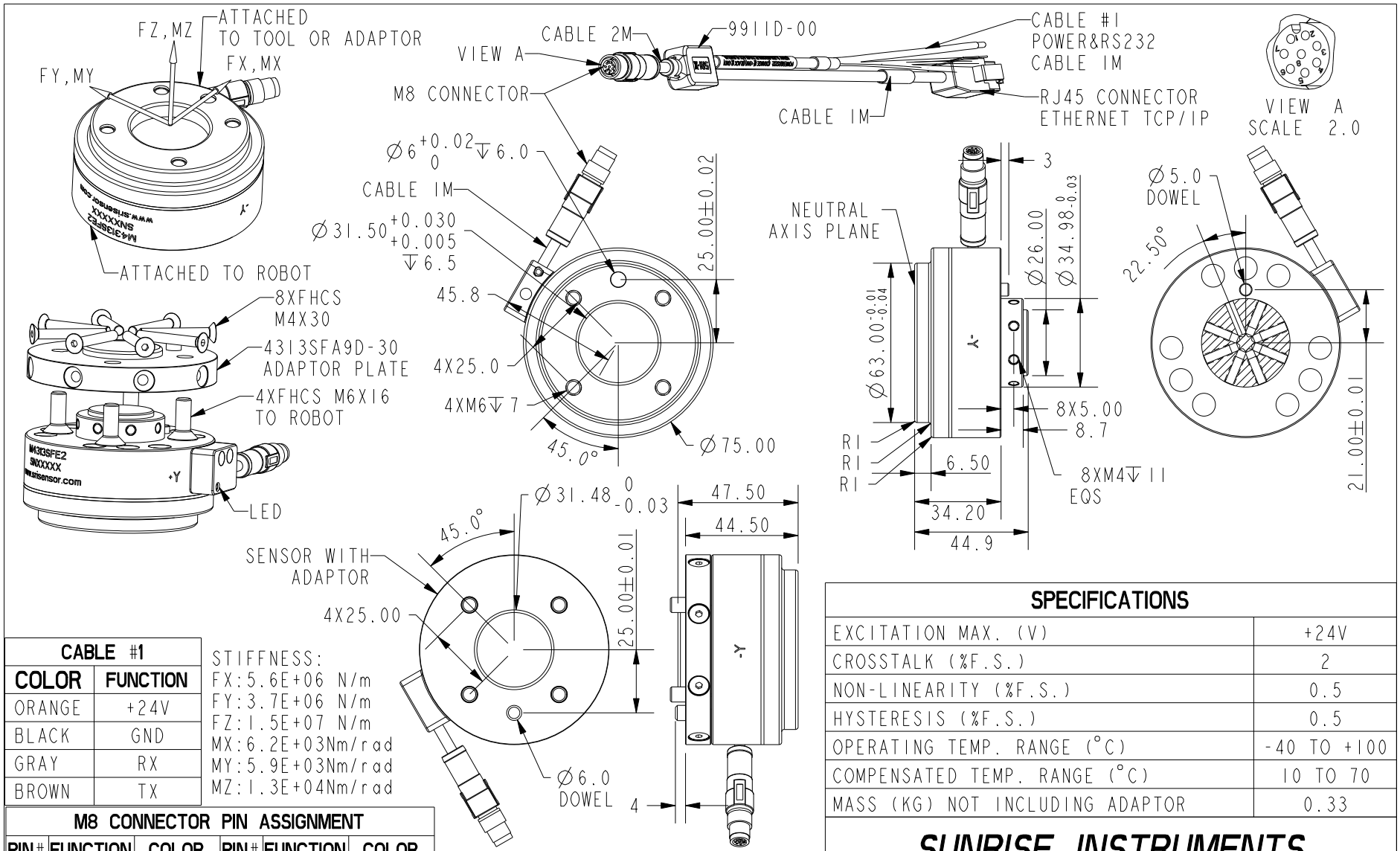

CABLE #1	
COLOR	FUNCTION
ORANGE	+24V
BLACK	GND
GRAY	RX
BROWN	TX

STIFFNESS:
FX:5.6E+06 N/m
FY:3.7E+06 N/m
FZ:1.5E+07 N/m
MX:6.2E+03Nm/rad
MY:5.9E+03Nm/rad
MZ:1.3E+04Nm/rad

M8 CONNECTOR PIN ASSIGNMENT					
PIN#	FUNCTION	COLOR	PIN#	FUNCTION	COLOR
1	+24V	ORANGE	5	RXP	YELLOW
2	GND	BLACK	6	RXN	GREEN
3	TXP	BLUE	7	RX	GRAY
4	TXN	WHITE	8	TX	BROWN

LED STATUS	SENSOR STATUS
OFF	POWER OFF
FLIKER	WORK PROPERLY
ON	ABNORMAL

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	100N	100N	100N	10Nm	10Nm	10Nm
OVERLOAD CAPACITY	500N	500N	500N	50Nm	50Nm	50Nm

SPECIFICATIONS	
EXCITATION MAX. (V)	+24V
CROSSTALK (%F.S.)	2
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	0.5
OPERATING TEMP. RANGE (°C)	-40 TO +100
COMPENSATED TEMP. RANGE (°C)	10 TO 70
MASS (KG) NOT INCLUDING ADAPTOR	0.33

SUNRISE INSTRUMENTS

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SIX AXIS CIRCULAR LOAD CELL
D75MM, ETHERNET TCP/IP OUTPUT

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM

M4313SFE2

REV. A