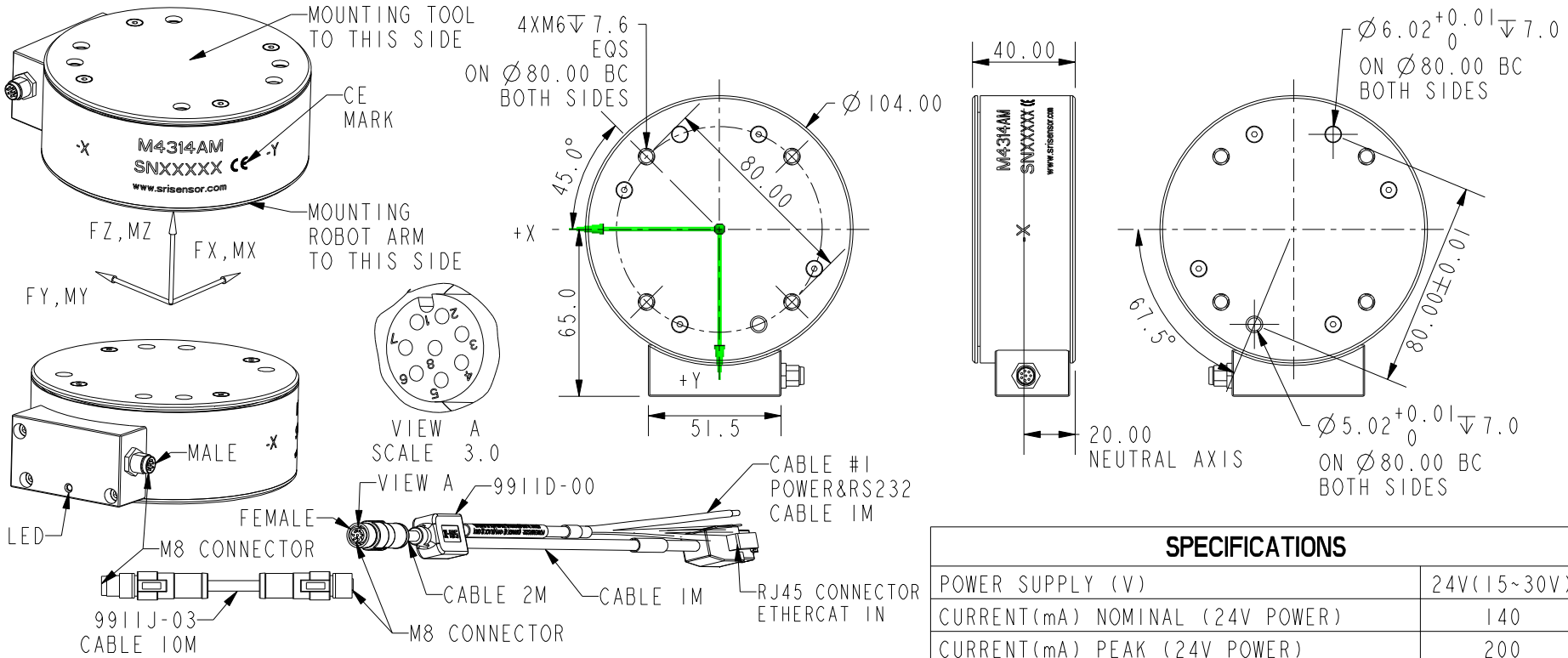


LED STATUS	SENSOR STATUS
OFF	POWER OFF
FLIKER	WORK PROPERLY
ON	ABNORMAL

THE OUTPUT IS POSITIVE WHEN THE LOAD IS APPLIED TO THE TOOL SIDE PER COORDINATE AS SHOWN. ALL CHANNELS ARE STRUCTURALLY DECOUPLED EMBEDDED AMPLIFIER INLCUDED.

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

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	165	165	495	15	15	15
OUTPUT	ETHERCAT					
RESOLUTION (N/Nm)	0.03	0.03	0.11	0.003	0.003	0.003

RESOLUTION IS DEFINED WITH VISIBLE CHANGE WHEN MINIMUM LOAD IS QUICKLY APPLIED OR REMOVED AT 200 HZ SAMPLING RATE

SPECIFICATIONS	
POWER SUPPLY (V)	24V(15~30V)
CURRENT(mA) NOMINAL (24V POWER)	140
CURRENT(mA) PEAK (24V POWER)	200
OVERLOAD CAPACITY (%F.S.)	1000
LOWEST FREE AIR RESONANT FREQ. (HZ.)	700
CROSSTALK (%F.S.)	2.5
NON-LINEARITY (%F.S.)	1.0
HYSTERESIS (%F.S.)	1.0
OPERATING TEMP. RANGE (°C)	-40 TO +90
COMPENSATED TEMP. RANGE (°C)	10 TO 70
MASS (kg)	1.5

SUNRISE INSTRUMENTS

www.srisensor.com

SIX AXIS LOADCELL WITH OL STOPS
ETHERCAT OUTPUT
D104MM F165N, IP65

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M4314AM	REV. A