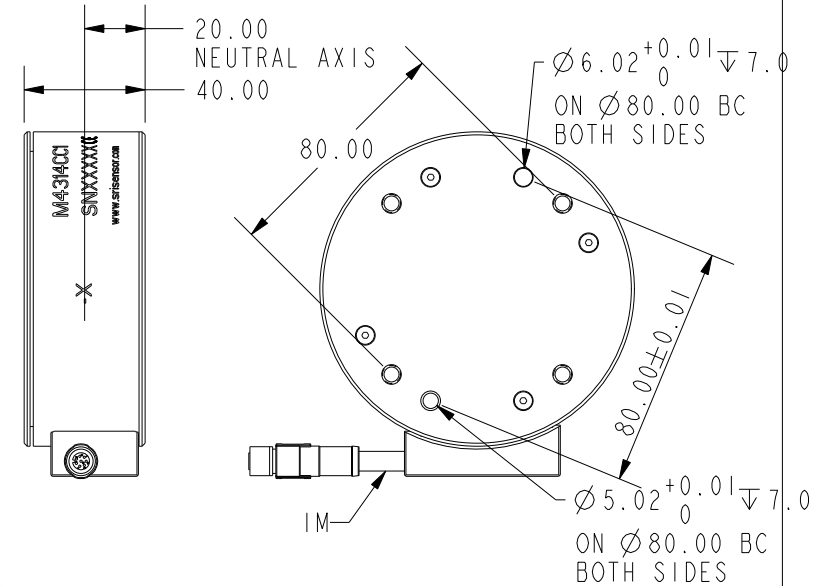
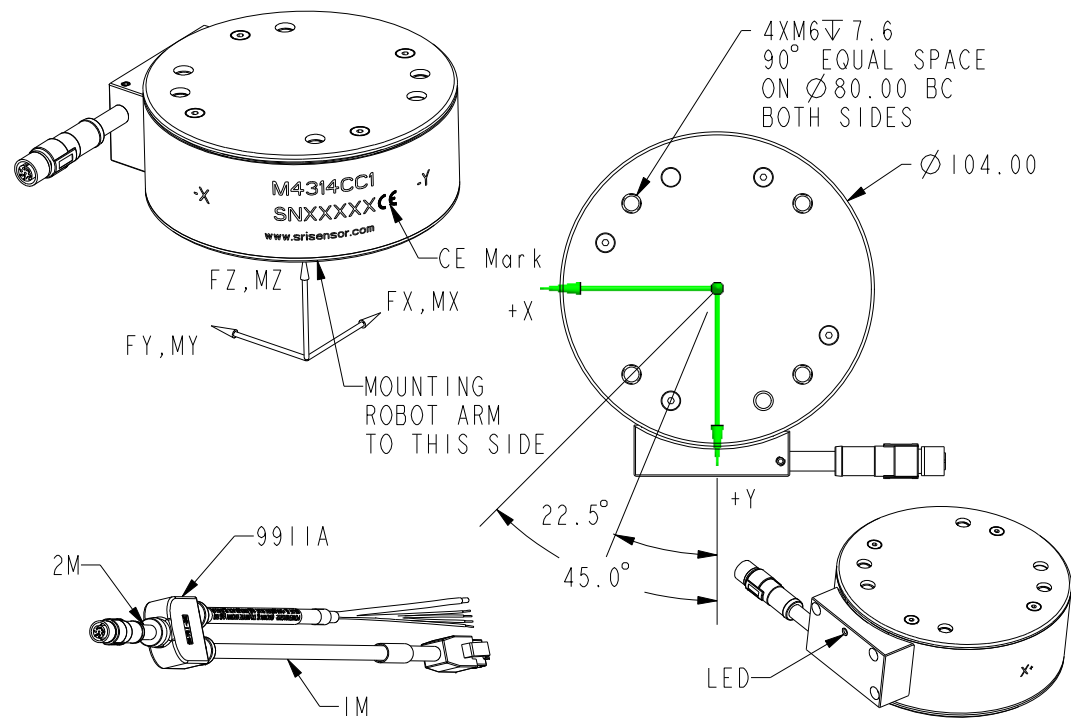




SPECIFICATIONS	
POWER SUPPLY (V)	24V(15~30V)
Current (mA) nominal (24V POWER)	140
Current (mA) peak (24V POWER)	200
OVERLOAD CAPACITY (%F.S.)	1000
LOWEST FREE AIR RESONANT FREQ. (HZ.)	1200
CROSSTALK (%F.S.)	2.5
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	0.5
OPERATING TEMP. RANGE (°C)	-40 TO +90
COMPENSATED TEMP. RANGE (°C)	10 TO 70
MASS (KG)	1.41

SUNRISE INSTRUMENTS www.srisensor.com	
SIX AXIS LOADCELL WITH OL STOPS ETHERCAT OUTPUT D104MM F660N, IP67	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M4314CC1 REV. A

LED Status	Sensor Status
off	power off
flicker	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.

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	660	660	1980	60	60	60
OUTPUT	Digital Output					
RESOLUTION (N/Nm)	0.09	0.09	0.33N	0.008	0.008	0.008

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

CONNECTOR PIN ASSIGNMENT			
PIN # / COLOR	FUNCTION	PIN # / COLOR	FUNCTION
1 BLUE	+24V	5 WHITE/GREEN	RDP
2 WHITE/BLUE	GND	6 GREEN	RDN
3 WHITE/ORANGE	TDP	7 WHITE/BROWN	RX
4 ORANGE	TDN	8 BROWN	TX

