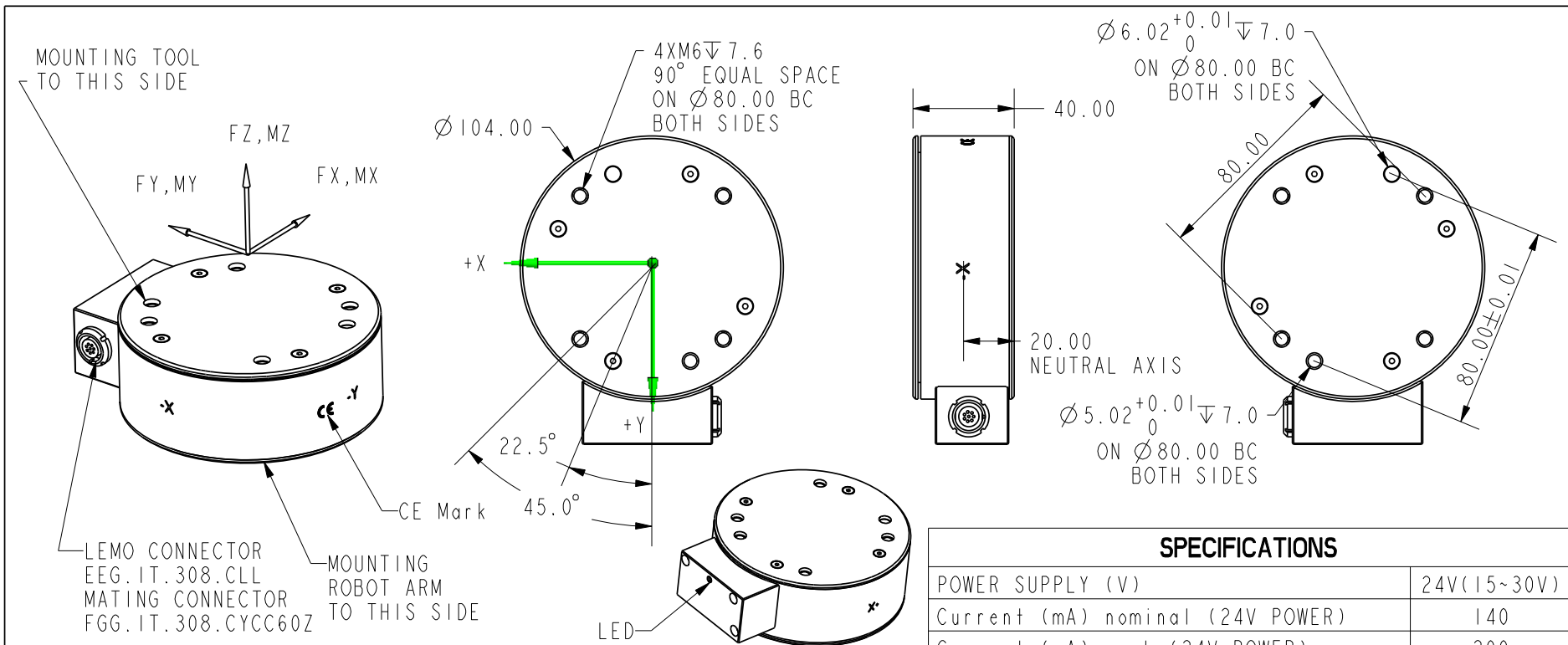




LED Status	Sensor Status
off	power off
flicker	work properly
on	abnormal

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)	165	165	495	15	15	15
OUTPUT	ETHERCAT					
RESOLUTION (N/Nm)	0.03	0.03	0.11N	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

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



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.)	0.5
HYSTERESIS (%F.S.)	0.5
OPERATING TEMP. RANGE (°C)	-40 TO +90
COMPENSATED TEMP. RANGE (°C)	10 TO 70
MASS (KG)	1.4

SUNRISE INSTRUMENTS

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

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M4314AC-ABB

REV.
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