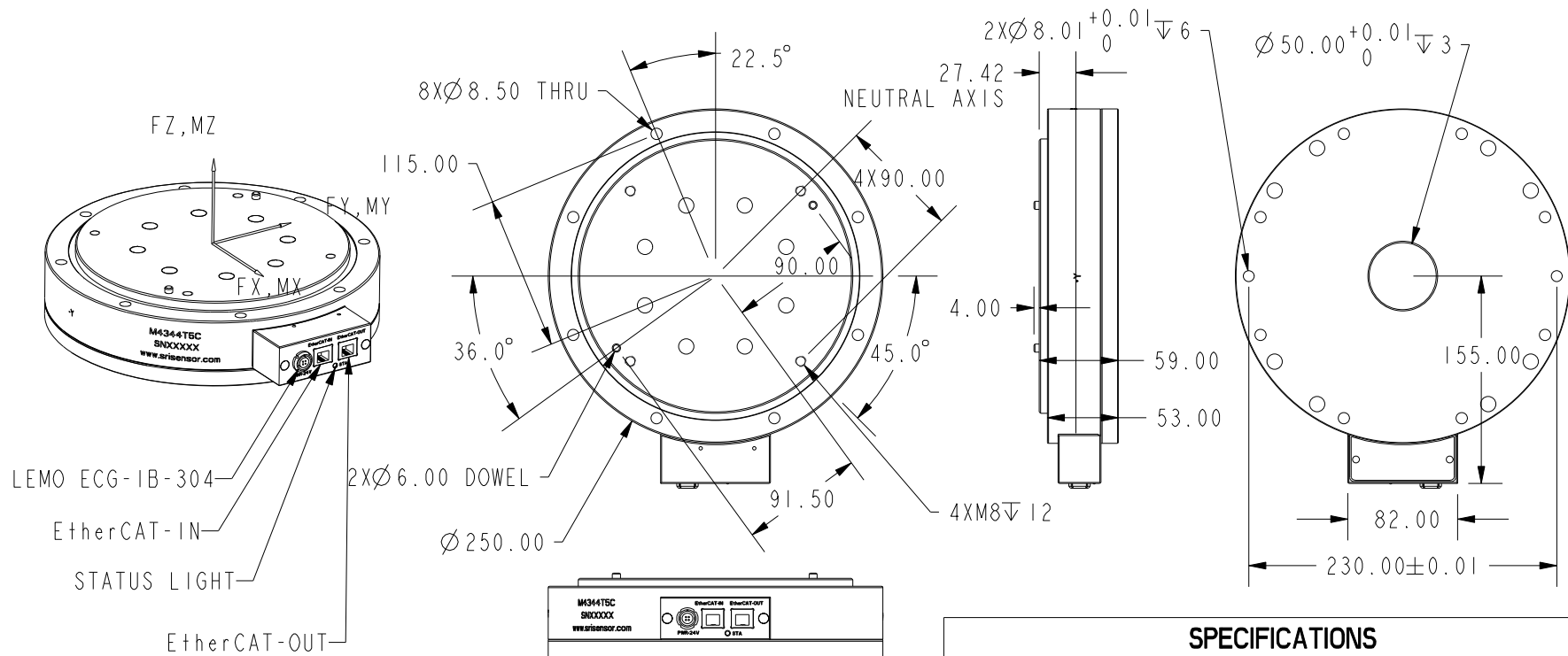




POSITIVE OUTPUT WHEN THE LOAD IS APPLIED TO THE TOOL SIDE
PER COORDINATE SYSTEM AS SHOWN

M4344T5C HAS INTERNAL DATA AQUISITION SYSTEM. THE SENSOR
DIRECTLY COMMUNICATES WITH CONTROLLER VIA EtherCAT AND
RS232

SPECIFICATIONS	
POWER SUPPLY (V)	24V
OVERLOAD CAPACITY (%F.S.)	300
FREE AIR RESONANT FREQ. (HZ.)	3500
CROSSTALK (%F.S.)	2.0
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)	12.5

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	2400	2400	2400	675	675	675
BRIDGE RES. (Ω)	350	350	350	350	350	350

CONNECTOR PIN ASSIGNMENT

PIN # / COLOR FUNCTION

1	RED	+24V
2	BLACK	GND
3	GREEN	RX
4	BROWN	TX

SUNRISE INSTRUMENTS
www.srisensor.com

SIX AXIS ROBOT BASE LOAD CELL
D250MM F2400N, ETHER-CAT

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M4344T5C

REV.
0.1