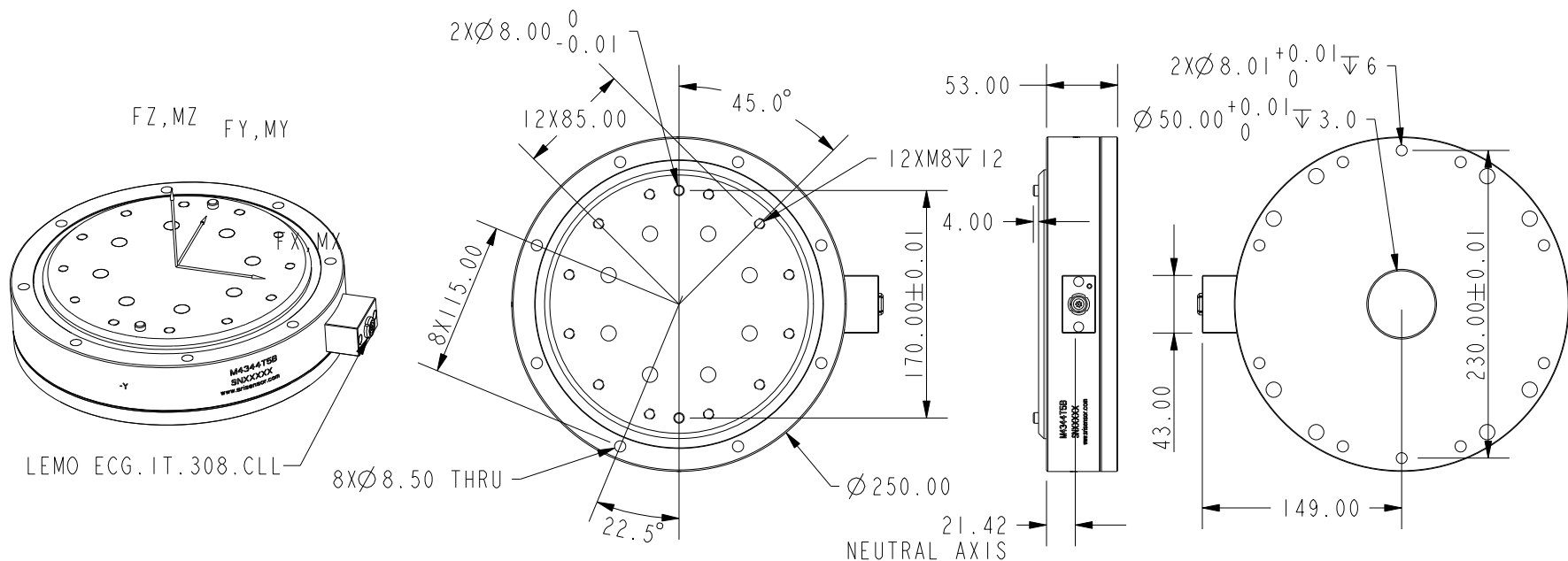




POSITIVE OUTPUT WHEN THE LOAD IS APPLIED TO THE TOOL SIDE
PER COORDINATE SYSTEM AS SHOWN

M4344T5B HAS INTERNAL AMPLIFIER AND DATA ACQUISITION SYSTEM.
THE SENSOR DIRECTLY COMMUNICATES WITH CONTROLLER
VIA ETHERNET AND RS232

SPECIFICATIONS

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

SRI- SUNRISE INSTRUMENTS
www.srisensor.com

SIX AXIS ROBOT BASE LOAD CELL
D250MM F4000N

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M4344T5B

REV.
A

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	4000	4000	4000	1800	1800	1800
OUTPUT(Communication)	Ethernet TCP OR RS232					
BRIDGE RES. (Ω)	700	700	700	700	700	700

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