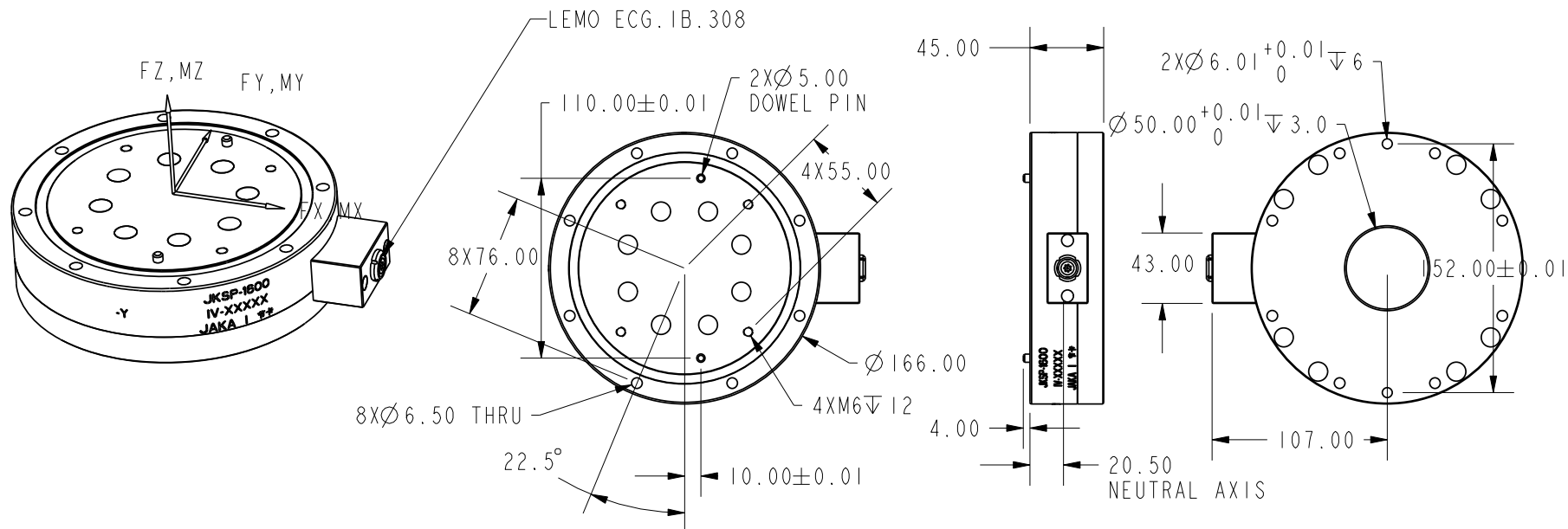




POSITIVE OUTPUT WHEN THE LOAD IS APPLIED TO THE TOOL SIDE
PER COORDINATE SYSTEM AS SHOWN

M3635D2 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)	4.4

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	500	500	500	120	120	120
BRIDGE RES. (Ω)	350	350	350	350	350	350

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

SUNRISE INSTRUMENTS
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SIX AXIS ROBOT BASE LOAD CELL
DI66MM F500N, ETHERNET TCP

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M3635D1B

REV.
0.1