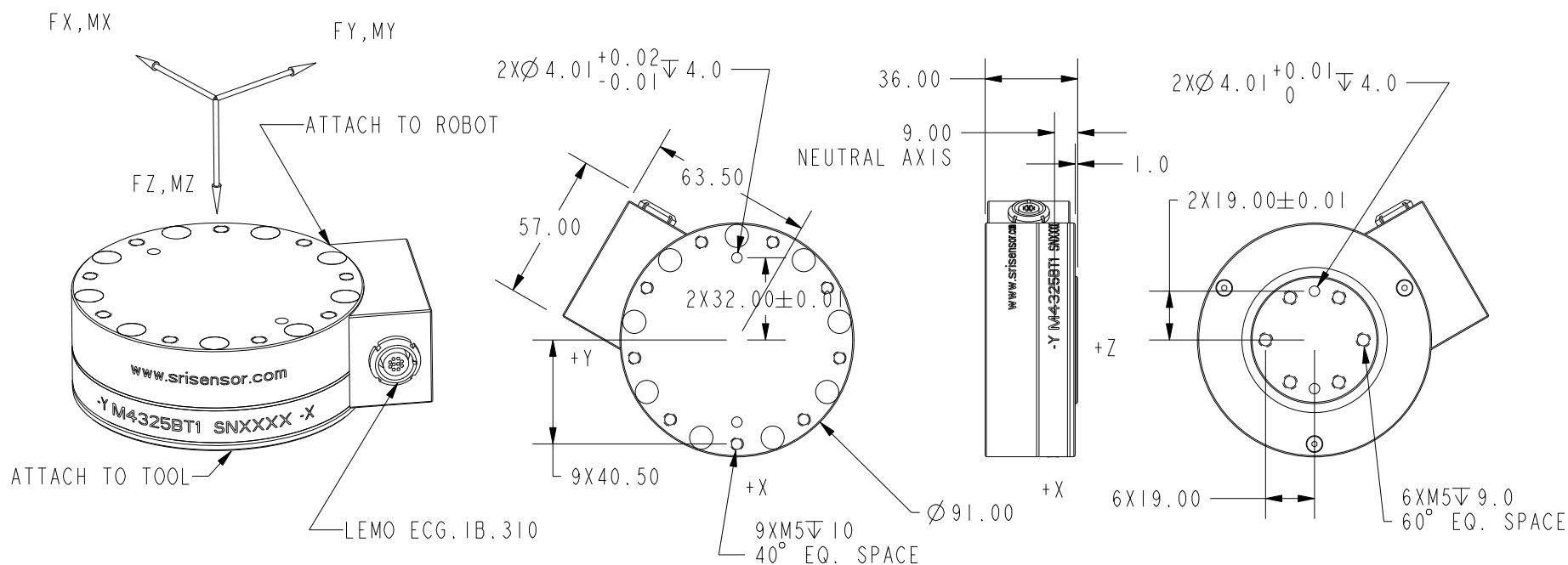




POSITIVE OUTPUT WHEN THE LOAD IS APPLIED TO THE TOOL SIDE
 PER COORDINATE SYSTEM AS SHOWN
 THE OUTPUTS ARE NOT STRUCTURALLY DECOUPLED
 A 6X6 DECOUPLED MATRIX IS PROVIDED TO OBTAIN EACH COMPONENT

	F _x	F _y	F _z	M _x	M _y	M _z
CAPACITY (N/Nm)	200	200	400	20	20	20
BRIDGE RES. (Ω)	350	350	350	350	350	350

CONNECTOR PIN ASSIGNMENT

PIN #	FUNCTION	PIN #	FUNCTION	PIN #	FUNCTION
1	+VIN	5	RDP	9	RS485-A
2	GND	6	RDN	10	RS485-B
3	TDP	7	RX		
4	TDN	8	TX		

SPECIFICATIONS

EXCITATION MAX. (V)	12-24V
OVERLOAD CAPACITY (%F.S.)	400
FREE AIR RESONANT FREQ. (HZ.)	1500
CROSSTALK (%F.S.)	2.5
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	0.5
OPERATING TEMP. RANGE (°C)	-40 TO +100
COMPENSATED TEMP. RANGE (°C)	10 TO 70
MASS (KG)	0.77

SUNRISE INSTRUMENTS
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SIX AXIS CIRCULAR LOAD CELL, COUPLED
 D91MM F200N, DIGITAL OUTPUT, IP64

UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN MM

M4326BT1

REV.
 0.1