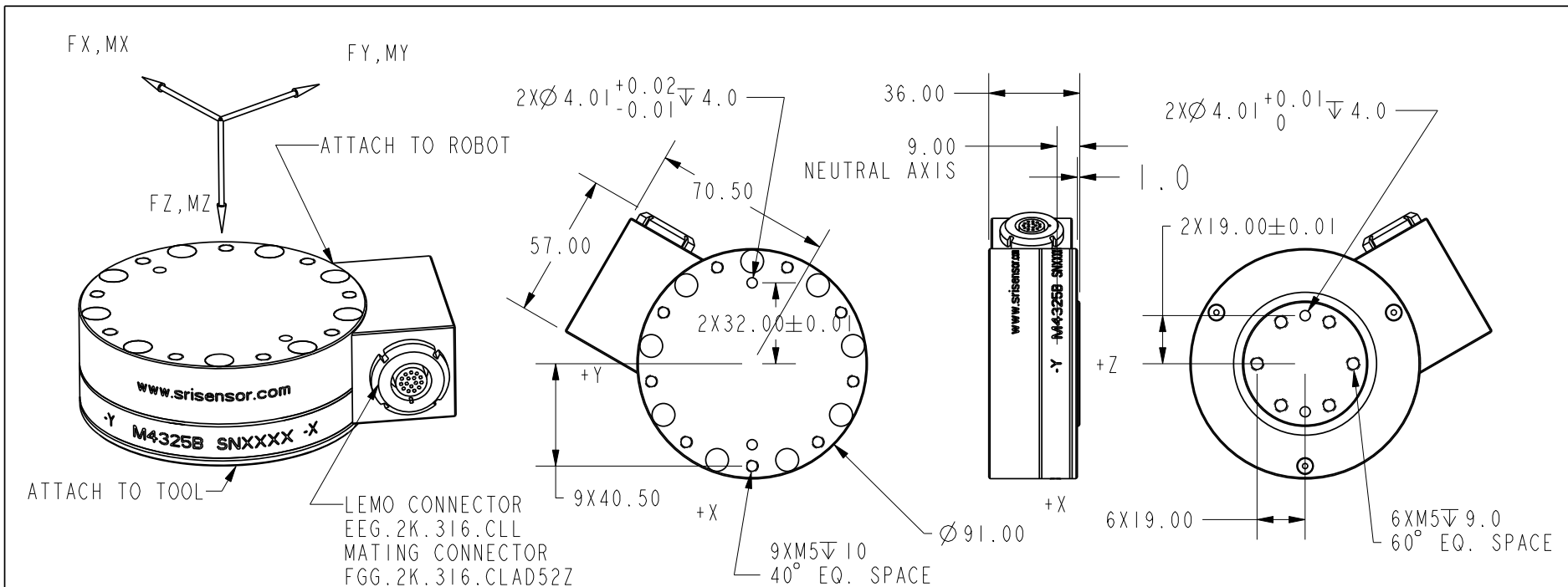




POSITIVE OUTPUT WHEN THE LOAD IS APPLIED TO THE TOOL SIDE
PER COORDINATE SYSTEM AS SHOWN
THE OUTPUTS ARE NOT STRUCTURALLY DECOUPLED
A 6X6 DECOUPLED MATRIX IS PROVIDED TO OBTAIN EACH COMPONENT

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	200	200	400	20	20	20
OUTPUT @ F.S.(V)	5.0	5.0	5.0	5.0	5.0	5.0
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 WITH INTERFACE BOX M8128C6

LEMO PIN ASSIGNMENT

PIN #	FUNCTION	PIN #	FUNCTION	PIN #	FUNCTION
1 & 2	GND	7	+FY	12	-MX
3	+15V	8	-FY	13	+MY
4	-15V	9	+FZ	14	-MY
5	+FX	10	-FZ	15	+MZ
6	-FX	11	+MX	16	-MZ

SPECIFICATIONS

EXCITATION MAX. (V)	5
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

www.srisensor.com

SIX AXIS CIRCULAR LOAD CELL, COUPLED
D91MM F200N, ANALOG OUTPUT, IP64

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M4325B

REV.
0.1