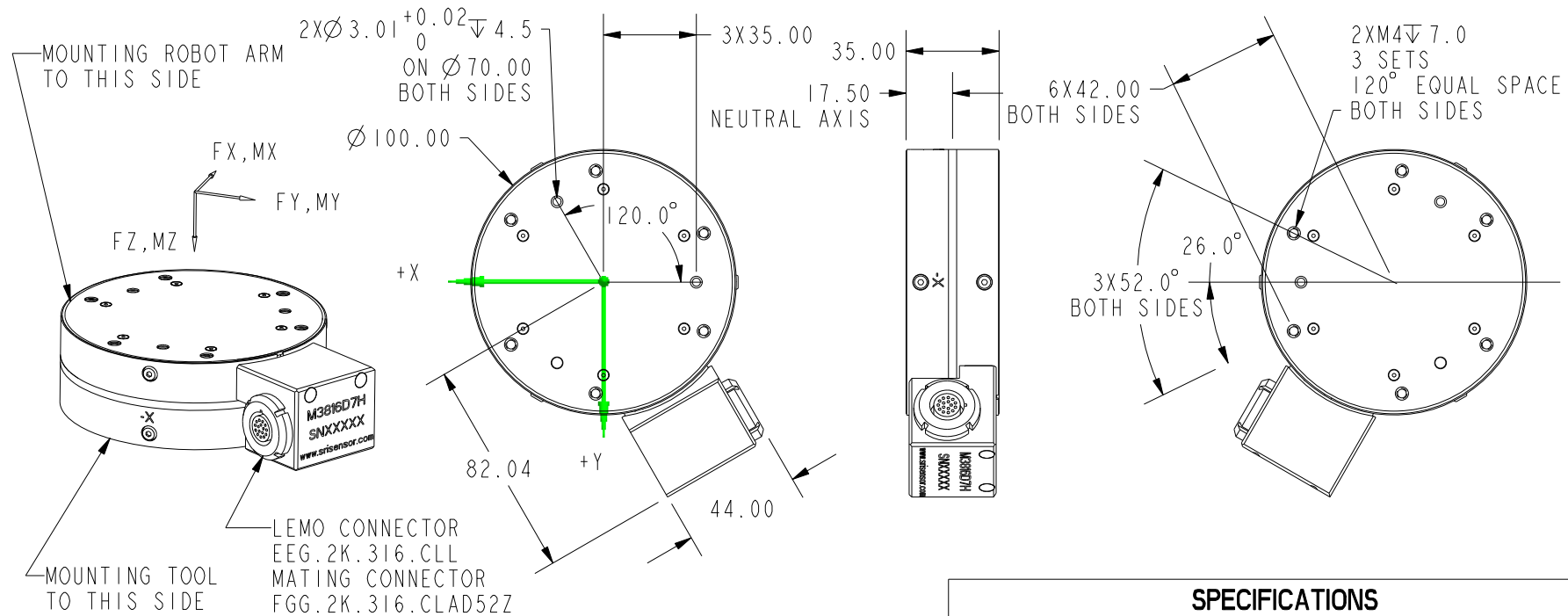




THE OUTPUT IS POSITIVE WHEN THE LOAD IS APPLIED TO THE TOOL SIDE PER COORDINATE AS SHOWN. A 6X6 MATRIX IS PROVIDED FOR DECOUPLING

SPECIFICATIONS	
POWER SUPPLY (V)	12-24V
OVERLOAD CAPACITY (%F.S.)	1000
NON-LINEARITY (%F.S.)	0.2
HYSTERESIS (%F.S.)	0.2
CROSSTALK (%F.S.)	1.0
RESOLUTION (WITH M8125, 16 BIT)	1/5000
RESONANT FREQ.(FX,FY,MZ) (HZ.)	1250
RESONANT FREQ.(FZ,MX,MY) (HZ.)	2220
OPERATING TEMP. RANGE (°C)	-40 TO +100
MASS (KG)	0.69

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	100N	100N	300N	40Nm	40Nm	30Nm
OUTPUT @ F.S.(V)	5	5	5	5	5	5

LEMOS PIN ASSIGNMENT

PIN #	FUNCTION	PIN #	FUNCTION	PIN #	FUNCTION
1 & 2	GND	7	+CHN2	12	-CHN4
3	+24V	8	-CHN2	13	+CHN5
4		9	+CHN3	14	-CHN5
5	+CHN1	10	-CHN3	15	+CHN6
6	-CHN1	11	+CHN4	16	-CHN6

SUNRISE INSTRUMENTS

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SIX AXIS LOADCELL WITH OL STOPS & AMP
D100MM F100N, HIGH PRECISION VERSION

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M3816D7H

REV.
A