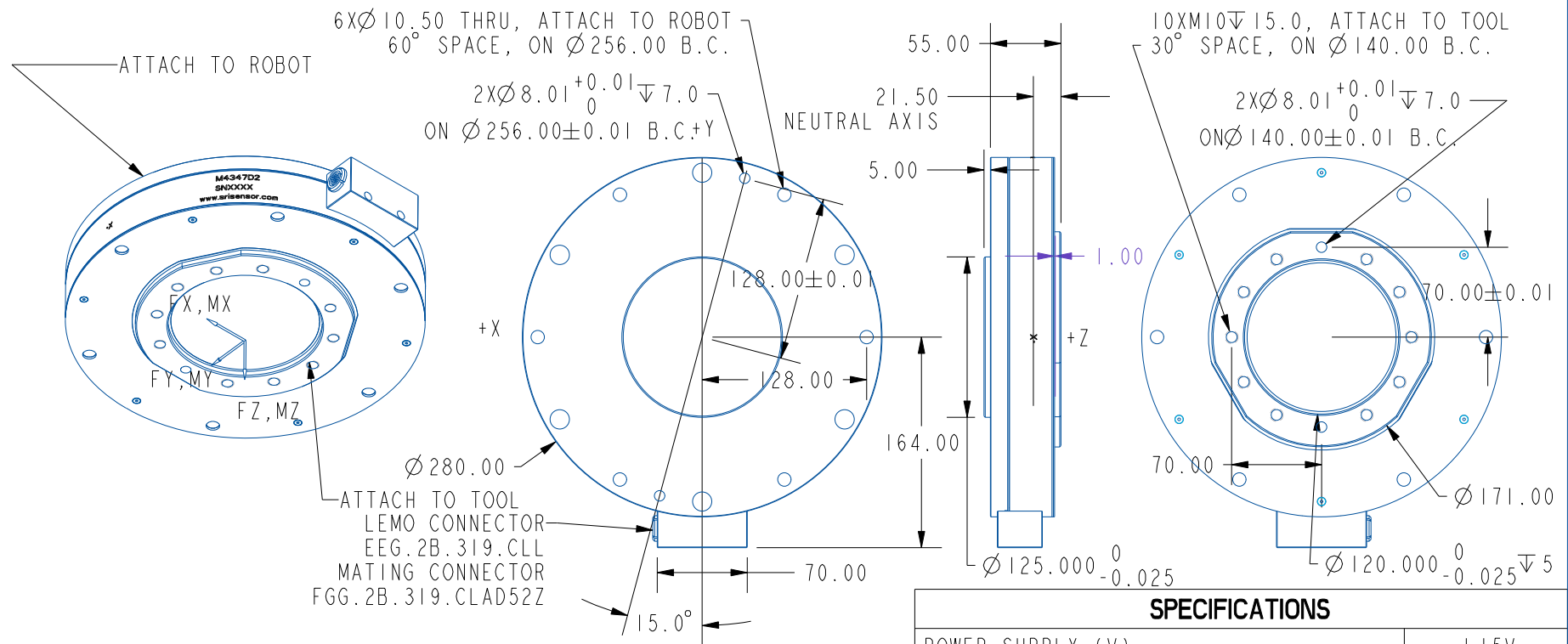




THE OUTPUTS ARE NOT STRUCTURALLY DECOUPLED
A 6X6 DECOUPLED MATRIX IS PROVIDED TO OBTAIN EACH COMPONENT

SPECIFICATIONS	
POWER SUPPLY (V)	$\pm 15V$
OVERLOAD CAPACITY (%F.S.)	1000
FREE AIR RESONANT FREQ. (HZ.)	3500
CROSSTALK (%F.S.)	5.0
NON-LINEARITY (%F.S.)	1.0
HYSTERESIS (%F.S.)	1.0
OPERATING TEMP. RANGE (°C)	-40 TO +100
COMPENSATED TEMP. RANGE (°C)	10 TO 70
MASS (KG)	9.9

	F _x	F _y	F _z	M _x	M _y	M _z
CAPACITY	6KN	6KN	12KN	2500NM	2500NM	2500NM
OUTPUT @ F.S.(V)	5.0	5.0	5.0	5.0	5.0	5.0

DIFFERENTIAL OUTPUT $\pm 10V$ (MAX), CENTERED AT 0V, ABB CIRCUIT BOARD

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

SUNRISE INSTRUMENTS

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SIX AXIS CIRCULAR LOAD CELL, COUPLED
D280MM F6KN

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M4347D2

REV.
0.1