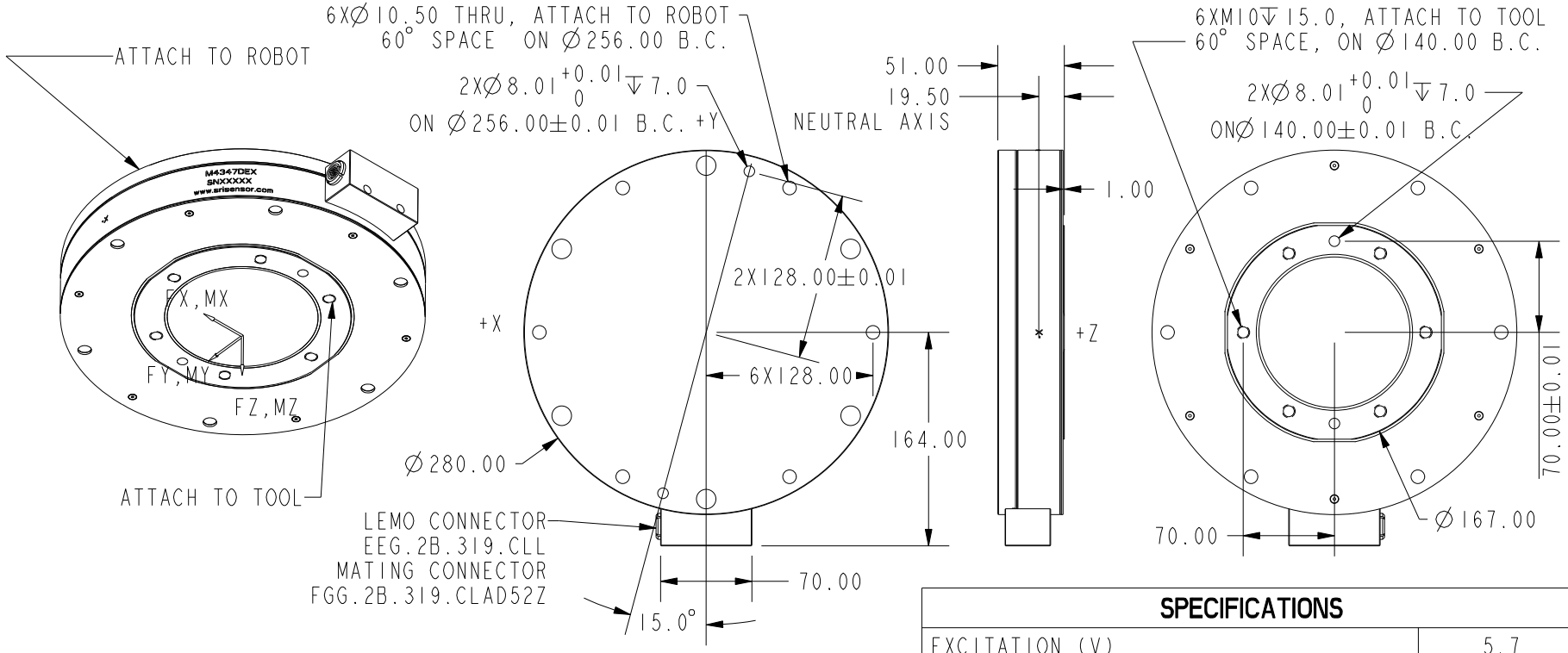


THE OUTPUTS ARE NOT STRUCTURALLY DECOUPLED
A 6X6 DECOUPLED MATRIX IS PROVIDED TO OBTAIN EACH COMPONENT

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY	15KN	15KN	30KN	6KNM	6KNM	6KNM
OUTPUT (mV.V)	0.8	0.8	1.0	3.7	3.7	2.0
BRIDGE RES. (Ω)	700	700	700	700	700	700

LEMO PIN ASSIGNMENT - TWISTED PAIR COLOR CODES

PIN #	FUNCTION	PIN #	FUNCTION	PIN #	FUNCTION
1	+FX WT(BN)	6	-FZ BN(BL)	10	-MY BN(RD)
2	-FX BN(WT)	7	+MX YL(BN)	11	+MZ WT(BK)
3	+FY OG(BN)	8	-MX BN(YL)	12	-MZ BK(WT)
4	-FY BN(OG)	9	+MY RD(BN)	17	NA
5	+FZ BL(BN)	18	+V OG(BK) & BL(BK) & BK(BL)		
19	GND RD(BK)&BK(RD)&YL(BK)&BK(YL)			SHIELD TO CONNECTOR SHELL	

WT=WHITE, BN=BROWN, OG=ORANGE, BL=BLUE, YL=YELLOW, RD=RED, BK=BLACK

SPECIFICATIONS

EXCITATION (V)	5.7
OVERLOAD CAPACITY (%F.S.)	300
FREE AIR RESONANT FREQ. (HZ.)	3500
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)	9.9

SUNRISE INSTRUMENTS

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SIX AXIS CIRCULAR LOAD CELL
D280MM F15KN, IP60

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M4347DEX	REV. A