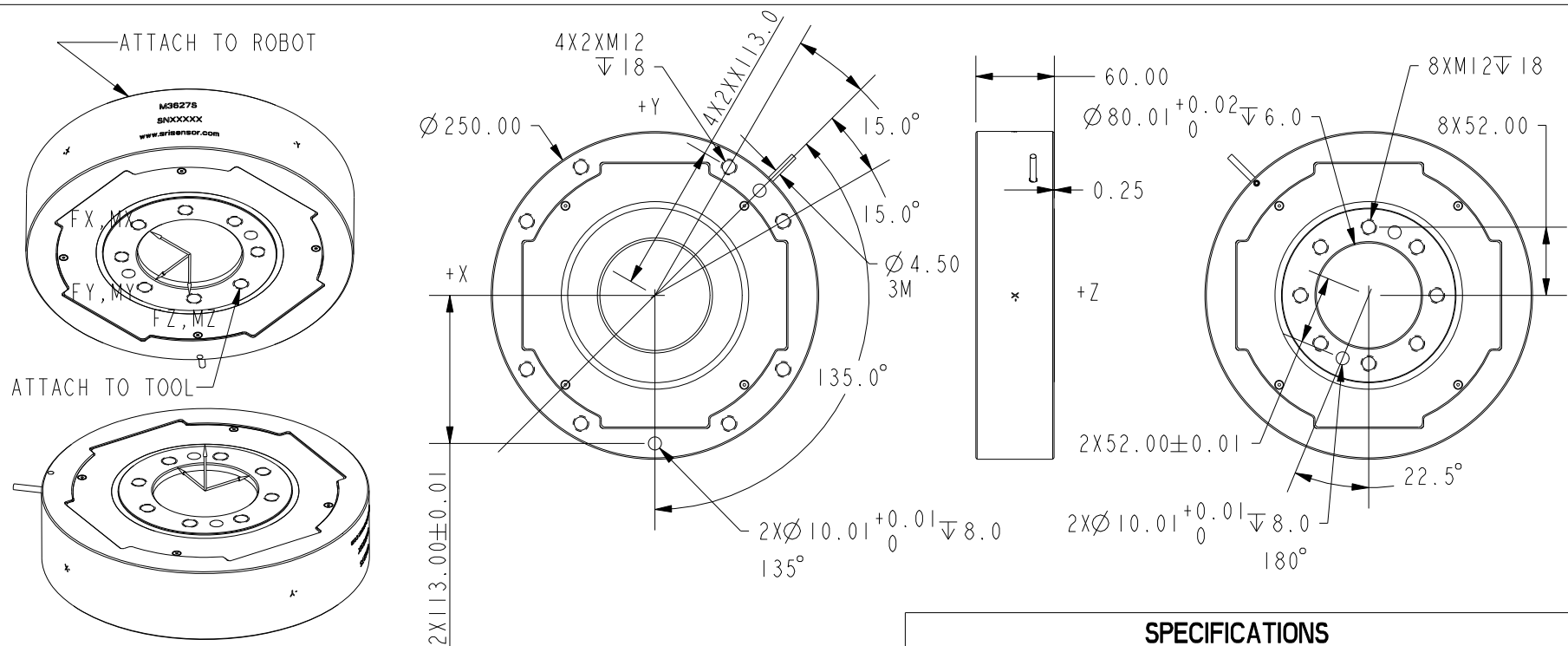




THE OUTPUTS ARE NOT STRUCTURALLY DECOUPLED
A 6X6 DECOUPLED MATRIX IS PROVIDED TO OBTAIN EACH COMPONENT

	F _x	F _y	F _z	M _x	M _y	M _z
CAPACITY	5000N	5000N	5000N	3000Nm	3000Nm	3000Nm
OUTPUT (mV/V)	COUPLED					
BRIDGE RES. (Ω)	700	700	700	700	700	700

LEMO PIN ASSIGNMENT - TWISTED PAIR COLOR CODES

PIN #	FUNCTION	PIN #	FUNCTION	PIN #	FUNCTION
1	+F _x WT(BN)	6	-F _z BN(BL)	10	-M _y BN(RD)
2	-F _x BN(WT)	7	+M _x YL(BN)	11	+M _z WT(BK)
3	+F _y OG(BN)	8	-M _x BN(YL)	12	-M _z BK(WT)
4	-F _y BN(OG)	9	+M _y RD(BN)	17	-E BK(OG)
5	+F _z BL(BN)	18	+E 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
WT(BN)=WHITE WIRE IN WHITE & BROWN PAIR, CABLE ASSEMBLY NOT INCLUDED

SPECIFICATIONS

POWER SUPPLY (V)	10V
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)	14.7

SUNRISE INSTRUMENTS

www.srisensor.com

SIX AXIS CIRCULAR LOAD CELL, COUPLED
D250MM F5000N

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M3627S

REV.
A