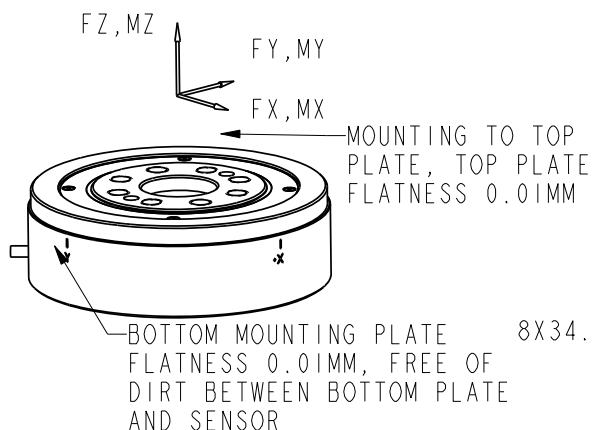
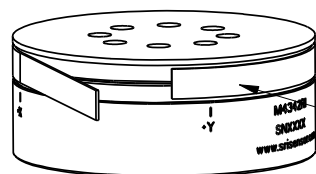


PRELIMINARY

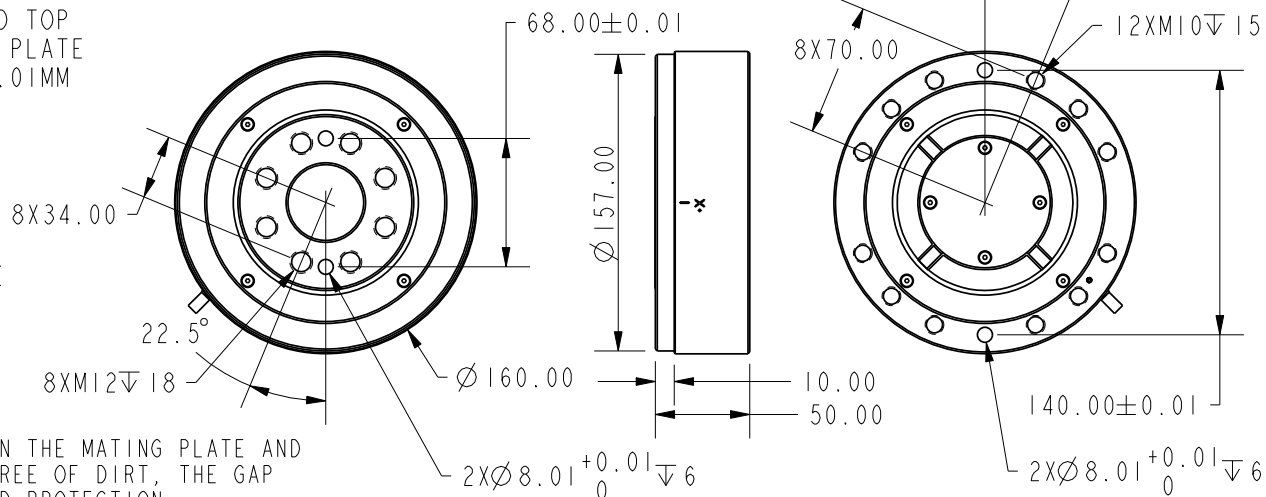


MATING TOP PLATE
NOT SUPPLIED



POSITIVE OUTPUT WHEN THE LOAD IS APPLIED TO THE TOOL SIDE
PER COORDINATE SYSTEM AS SHOWN

OVERLOAD CAPACITY: FZ & MX & MY - 10 TIMES
FX & FY & MZ - 4 TIMES



SPECIFICATIONS

EXCITATION (V)	5V (TYP)
OVERLOAD CAPACITY (%F.S.)	SEE NOTE
FREE AIR RESONANT FREQ. (HZ.)	4000
CROSSTALK (%F.S.)	2.0
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)	5.9

SUNRISE INSTRUMENTS

www.srisensor.com

SIX AXIS CIRCULAR LOAD CELL
DI60MM F10KN, DIGITAL OOUTPUT, IP65

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M4342R1

REV.
0.1

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	10000	10000	10000	1000	1000	1000
BRIDGE RES. (Ω)	350	350	350	350	350	350

LEMO PIN ASSIGNMENT - TWISTED PAIR COLOR CODES

PIN #	FUNCTION	PIN #	FUNCTION	PIN #	FUNCTION
1	+CH1 WT(BN)	7	+CH4 YL(BN)	13	+CH7 OG(BK)
2	-CH1 BN(WT)	8	-CH4 BN(YL)	14	-CH7 BK(OG)
3	+CH2 OG(BN)	9	+CH5 RD(BN)	15	+CH8 BL(BK)
4	-CH2 BN(OG)	10	-CH5 BN(RD)	16	-CH8 BK(BL)
5	+CH3 BL(BN)	11	+CH6 WT(BK)	17	NA
6	+CH3 BL(BN)	12	-CH6 BK(WT)	NA	NA
18	+EX RD(BK)+BK(RD)	19	GND YL(BK)+BK(YL)		

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

WT(BN)=WHITE WIRE IN WHITE & BROWN PAIR