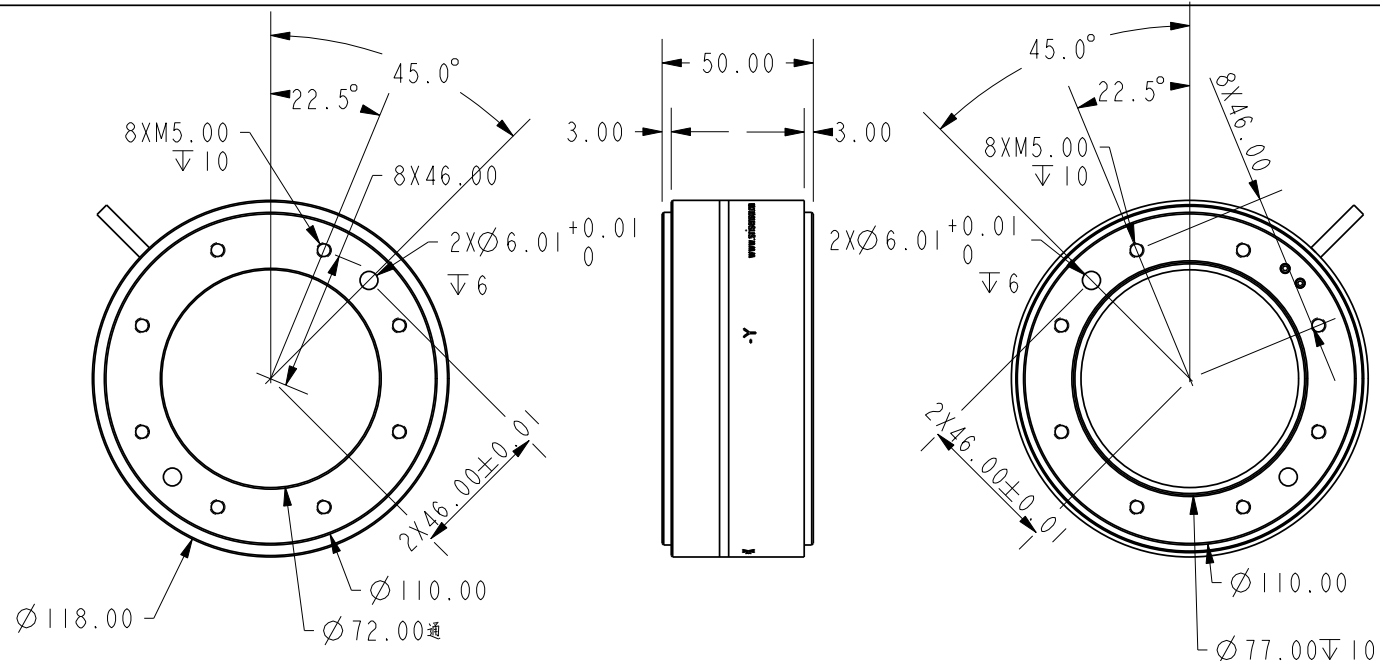
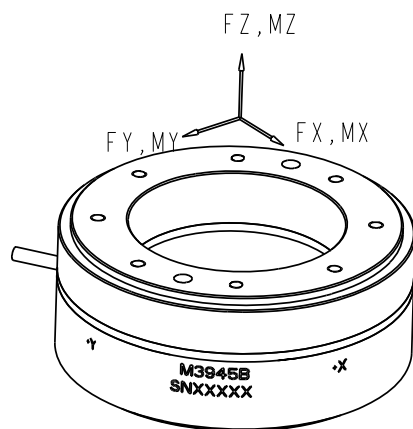




POSITIVE OUTPUT IS EXPECTED WHEN LOAD (FORCE OR MOMENT) IS APPLIED TO THE TOOL SIDE PER COORDINATE SYSTEM AS SHOWN

ALL CHANNELS ARE STRUCTURALLY DECOUPLED. NO DECOUPLING ALGORITHM REQUIRED. STANDARD DATA ACQUISITION SYSTEM CAN BE USED

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	500	500	500	NA	NA	NA
OUTPUT (mV/V)	2.0	2.0	0.8	NA	NA	NA
BRIDGE RES. (Ω)	350	350	350	NA	NA	NA

WIRING CODE

Fx (SOLID)		FY (PURPLE STRIPE)		FZ (WHITE STRIPE)	
COLOR	FUNCTION	COLOR	FUNCTION	COLOR	FUNCTION
RED	+EXC.	RED	+EXC.	RED	+EXC.
YELLOW	+SIG.	YELLOW	+SIG.	YELLOW	+SIG.
BLACK	-EXC.	BLACK	-EXC.	BLACK	-EXC.
BLUE	-SIG.	BLUE	-SIG.	BLUE	-SIG.

SPECIFICATIONS

EXCITATION MAX. (V)	15
OVERLOAD CAPACITY (%F.S.)	150
FREE AIR RESONANT FREQ. (HZ.)	4100
CROSSTALK (%F.S.)	5
NON-LINEARITY (%F.S.)	1.0
HYSTERESIS (%F.S.)	1.0
OPERATING TEMP. RANGE (°C)	-40 TO +100
MASS (KG)	1.868

SUNRISE INSTRUMENTS

www.srisensor.com

THREE AXIS CIRCULAR LOAD CELL
D118MM F500N

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M3945B

REV.
A