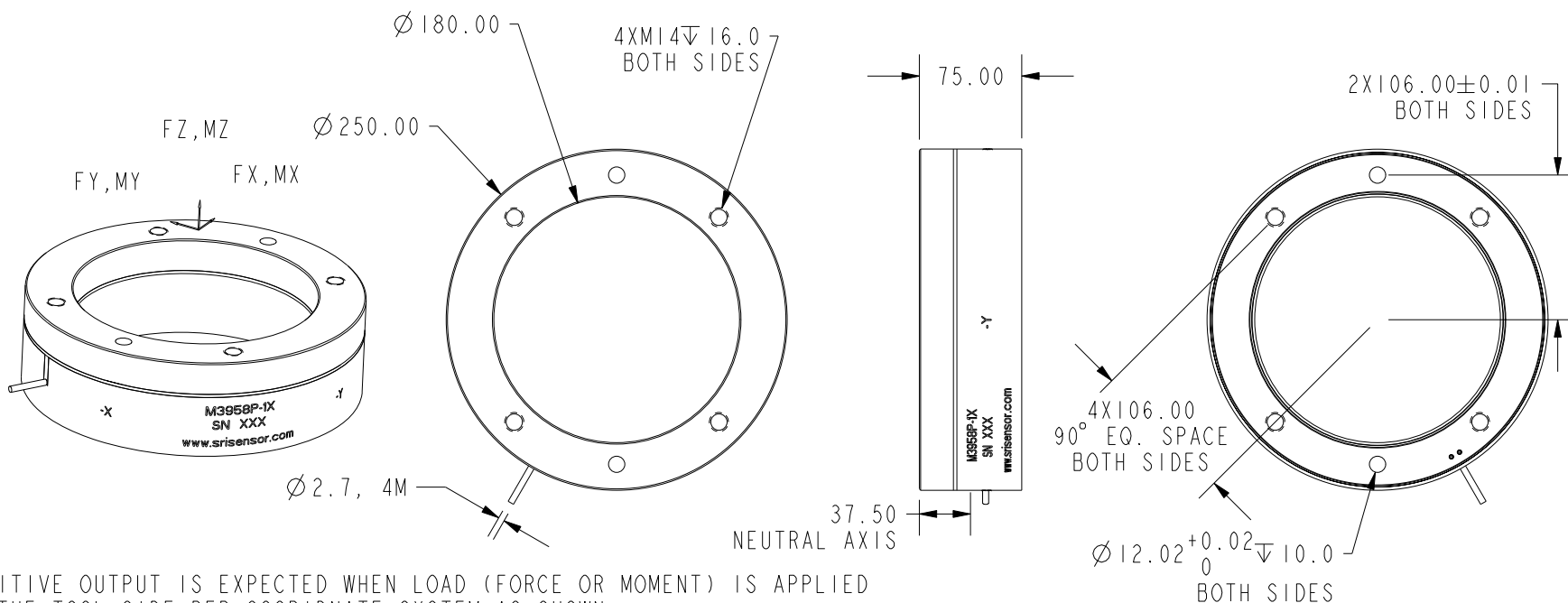




POSITIVE OUTPUT IS EXPECTED WHEN LOAD (FORCE OR MOMENT) IS APPLIED TO THE TOOL SIDE PER COORDINATE SYSTEM AS SHOWN

IP68 VERSION: WATER PRESSURE IS BALANCED. UNDERWATER DEPTH HAS MINIMAL EFFECT ON LOADCELL OUTPUT. STAINLESS STEEL FLEXURE, CAN BE INSTALLED OUTDOOR

STANDARD VERSION HAD LOW VOLTAGE (STRAIN GAGE BRIDGE) OUTPUT. AMPLIFIER CAN BE INSTALLED INSIDE THE SENSOR PER REQUEST

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N)	NA	NA	76000	NA	NA	NA
OUTPUT (mV/V)	NA	NA	0.9	NA	NA	NA
BRIDGE RES. (Ω)	NA	NA	700	NA	NA	NA

WIRING CODE					
Fx/Mx (SOLID)		Fy/My (PURPLE STRIPE)		Fz/Mz (WHITE STRIPE)	
COLOR	FUNCTION	COLOR	FUNCTION	COLOR	FUNCTION
RED/ORANGE	+EXC.	RED/ORANGE	+EXC.	RED/ORANGE	+EXC.
YELLOW/GRN	+SIG.	YELLOW/GRN	+SIG.	YELLOW/GRN	+SIG.
BLACK(SHARED)	-EXC.	BLACK(SHARED)	-EXC.	BLACK(SHARED)	-EXC.
BLUE/BROWN	-SIG.	BLUE/BROWN	-SIG.	BLUE/BROWN	-SIG.

SPECIFICATIONS	
EXCITATION MAX. (V)	15
OVERLOAD CAPACITY (%F.S.)	150
FREE AIR RESONANT FREQ. (HZ.)	5000
CROSSTALK (%F.S.)	4
NON-LINEARITY (%F.S.)	1.0
HYSTERESIS (%F.S.)	1.0
OPERATING TEMP. RANGE (°C)	-40 TO +60C°
IP PROTECTION	IP68, 10M
MASS (KG)	9.7

SUNRISE INSTRUMENTS

www.srisensor.com

UNIAXIAL AXIS CIRCULAR LOAD CELL
D250MM FZ 76 KN, IP68(10M)

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M3958P-1X

REV.
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