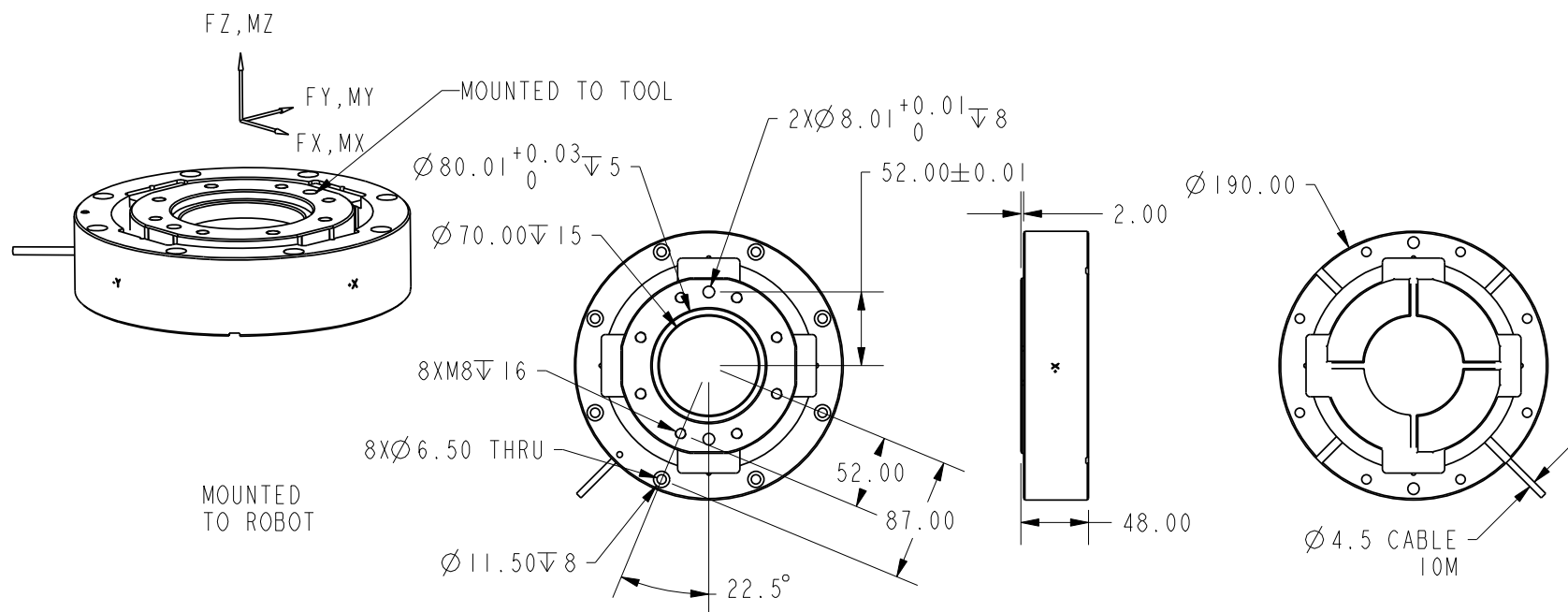




POSITIVE OUTPUT WHEN THE LOAD IS APPLIED TO THE TOOL SIDE
PER COORDINATE SYSTEM AS SHOWN

IP68, PROTECTION AGAINST SALT SEA WATER

SPECIFICATIONS

EXCITATION (V)	5V (TYP)
OVERLOAD CAPACITY (%F.S.)	300
CROSSTALK (%F.S.)	2.5
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	0.5
OPERATING TEMP. RANGE (°C)	-40 TO +90
COMPENSATED TEMP. RANGE (°C)	10 TO 70
MASS (KG)	7.3

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N)	20,000	20000	20000	NA	NA	NA
OUTPUT (mV/V)	1.2	1.2	1.0	NA	NA	NA
BRIDGE RES. (Ω)	700	700	1400	NA	NA	NA

WIRING CODE - TWISTED PAIR WIRES

Fx		Fy		Fz	
COLOR	FUNCTION	COLOR	FUNCTION	COLOR	FUNCTION
RED(BLACK)	+EXC.	RED(BROWN)	+EXC.	ORANGE(BLACK)	+EXC.
BLACK(RED)	-EXC.	BROWN(RED)	-EXC.	BLACK(ORANGE)	-EXC.
YELLOW(BROWN)	+SIG.	BLUE(BROWN)	+SIG.	YELLOW(BLACK)	+SIG.
BROWN(YELLOW)	-SIG.	BROWN(BLUE)	-SIG.	BLACK(YELLOW)	-SIG.

SUNRISE INSTRUMENTS

www.srisensor.com

3 AXIS CIRCULAR LOAD CELL
D190MM F20KN, IP68

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M3636M1

REV.
A