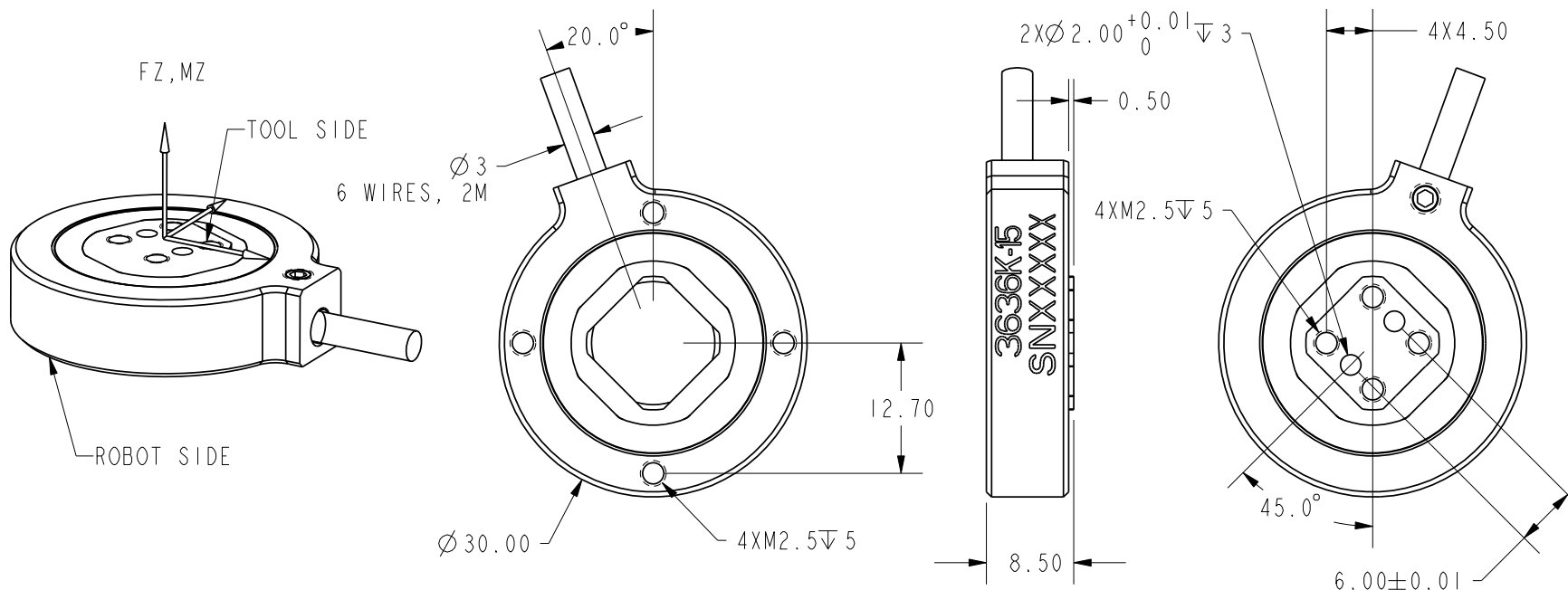




POSITIVE OUTPUT IS EXPECTED WHEN LOAD (FORCE OR MOMENT) IS APPLIED TO THE TOOL SIDE PER COORDINATE SYSTEM AS SHOWN

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

	F _x	F _y	F _z	M _x	M _y	M _z
CAPACITY (N/Nm)	NA	NA	100N	NA	NA	2.5Nm
OUTPUT (mV/V)	NA	NA	0.9	NA	NA	0.7
BRIDGE RES. (Ω)	NA	NA	350	NA	NA	350

WIRE COLOR CODES

	F _z	M _z
FUNCTION	COLOR	COLOR
+EXC.	RED	
-EXC.	BLACK	
+SIG.	GREEN	ORANGE
-SIG.	WHITE	YELLOW

SPECIFICATIONS

EXCITATION (V)	5
OVERLOAD CAPACITY (%F.S.)	150
CROSSTALK (%F.S.)	2.0
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	0.5
OPERATING TEMP. RANGE (°C)	-40 TO +100
MASS (KG)	0.2

SUNRISE INSTRUMENTS

www.srisensor.com

TWO AXIS LOAD CELL
FZ100N, MZ2.5Nm, D30mm

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M3636K

REV.
0.5