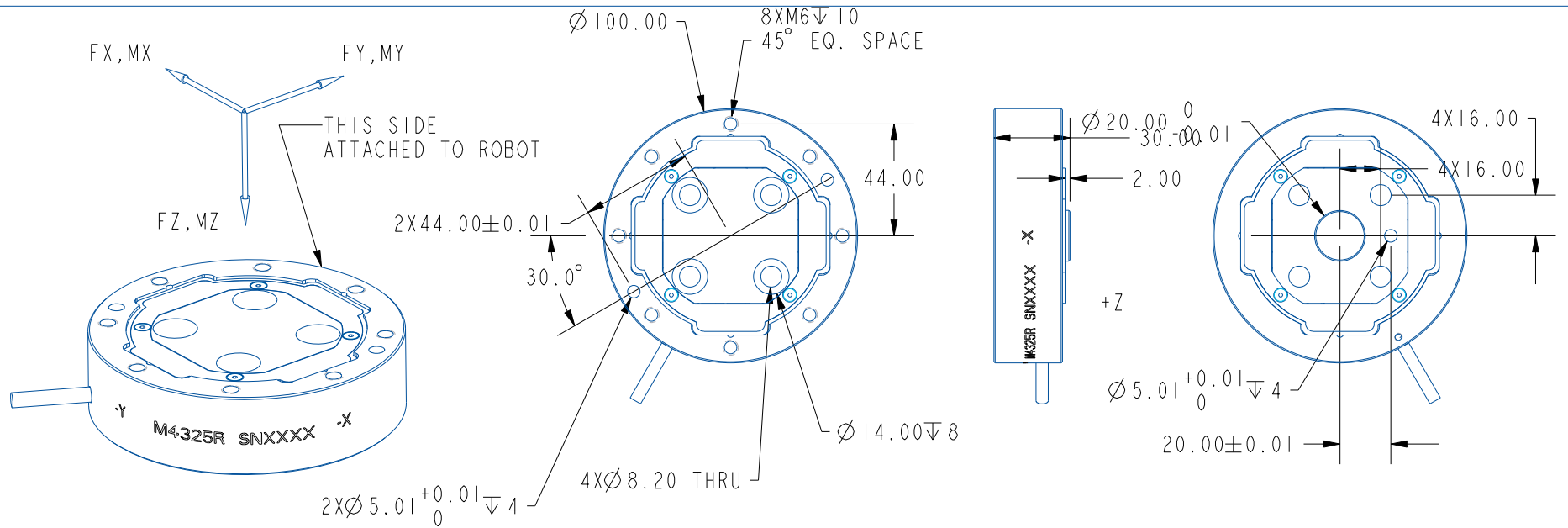




POSITIVE OUTPUT WHEN THE LOAD IS APPLIED TO THE TOOL SIDE
PER COORDINATE SYSTEM AS SHOWN

THE OUTPUTS ARE STRUCTURALLY DECOUPLED

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N)	3000	3000	4000	NA	NA	NA
OUTPUT (mV/V)	1.2	1.2	1.2	NA	NA	NA
BRIDGE RES. (Ω)	350	350	700	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.

SPECIFICATIONS

EXCITATION MAX. (V)	5
OVERLOAD CAPACITY (%F.S.)	300
FREE AIR RESONANT FREQ. (HZ.)	4500
CROSSTALK (%F.S.)	2.5
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	0.5
OPERATING TEMP. RANGE ($^{\circ}$ C)	-40 TO +100
COMPENSATED TEMP. RANGE ($^{\circ}$ C)	10 TO 70
MASS (KG)	1.3

SUNRISE INSTRUMENTS

www.srisensor.com

THREE AXIS CIRCULAR LOAD CELL
D100MM FZ4000N

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M4325R

REV.
0.1