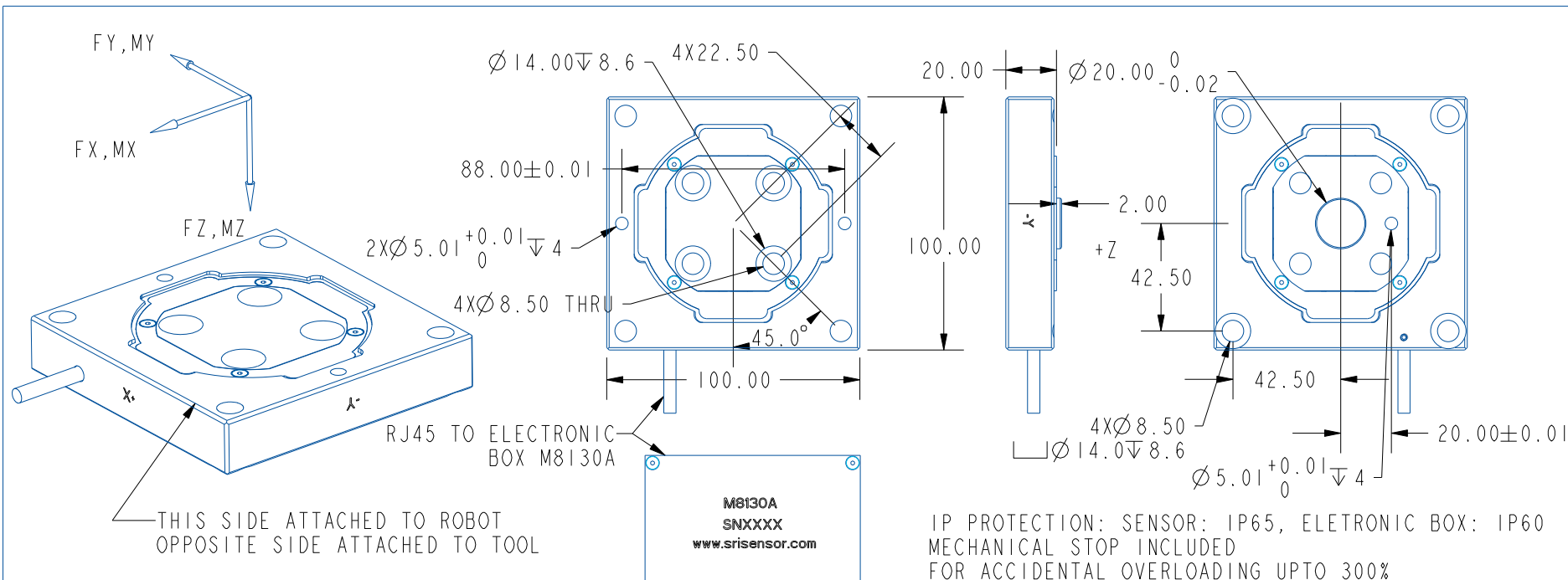




IP PROTECTION: SENSOR: IP65, ELECTRONIC BOX: IP60
MECHANICAL STOP INCLUDED
FOR ACCIDENTAL OVERLOADING UPTO 300%

SPECIFICATIONS

EXCITATION MAX. (V)	24
OVERLOAD CAPACITY (%F.S.)	300
FREE AIR RESONANT FREQ. (HZ.)	2500
CROSSTALK (%F.S.)	2.5
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	0.5
OPERATING TEMP. RANGE (°C)	-40 TO +100
COMPENSATED TEMP. RANGE (°C)	10 TO 70
MASS (KG)	1.2

SUNRISE INSTRUMENTS

www.srisensor.com

TWO AXIS SQUARE LOAD CELL
100X100MM F500N, ETHERCAT

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M4325T1

REV.
0.2

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

THE OUTPUTS ARE STRUCTURALLY DECOUPLED

	Fx	Fy	Fz	LOADING POINT: 400MM ALONG Z AXIS FROM SENSOR MOUNTING SURFACE
CAPACITY (N)	500	NA	500	
OUTPUT	ETHERCAT OUTPUT			
BRIDGE RES. (Ω)	350	NA	350	

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.