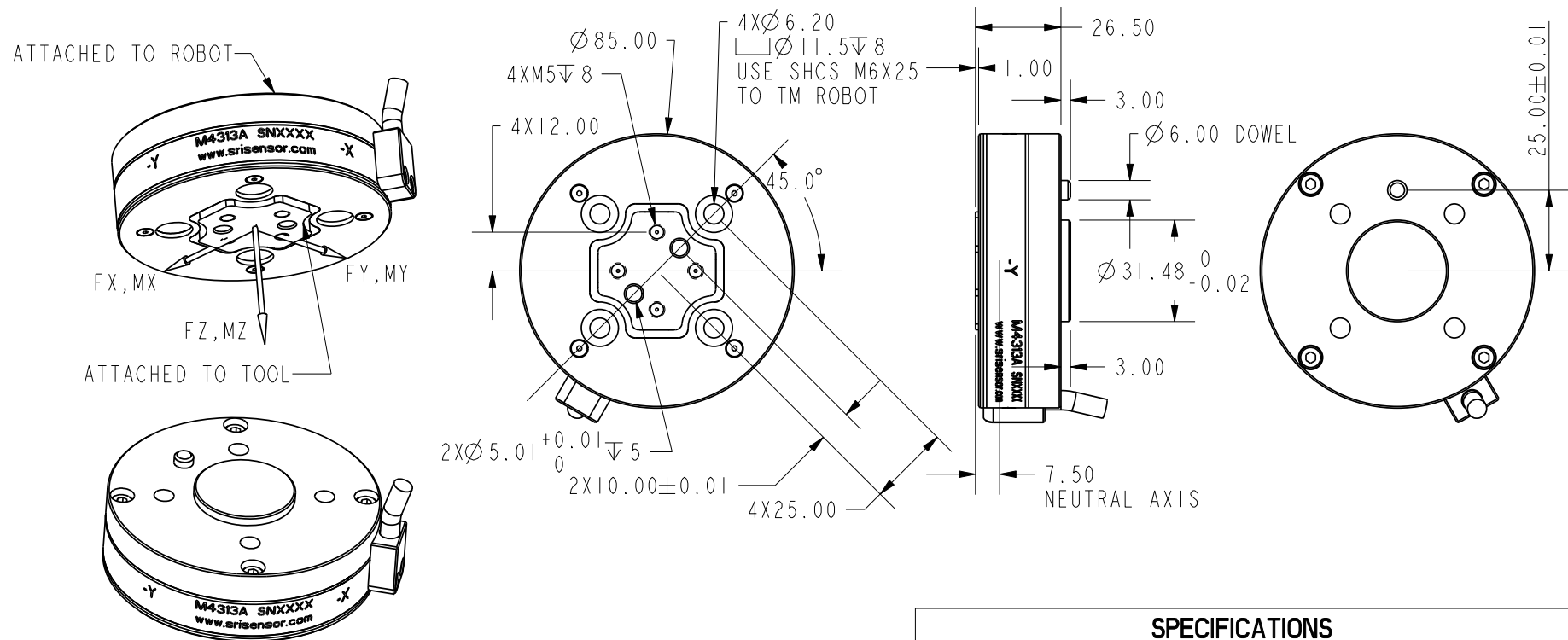




POSITIVE OUTPUT WHEN THE LOAD IS APPLIED TO THE TOOL SIDE
PER COORDINATE SYSTEM AS SHOWN

THE OUTPUTS ARE STRUCTURALLY DECOUPLED

M4313A HAS INTERNAL AMPLIFIER AND DATA ACQUISITION SYSTEM.
THE SENSOR DIRECTLY COMMUNICATES WITH CONTROLLER VIA CAN BUS AND RS232

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	100	100	200	8Nm	8Nm	8Nm
BRIDGE RES. (Ω)	350	350	700	350	350	700

WIRING CODE			
FUNCTION	COLOR	FUNCTION	COLOR
+VIN(+6.5V)	RED	CANL	WHITE
GND	BLACK	TX-RS232	ORANGE
CANH	GREEN	RX-RS232	YELLOW

SPECIFICATIONS

EXCITATION MAX. (V)	+6.5V
OVERLOAD CAPACITY (%F.S.)	200
CROSSTALK (%F.S.)	3.5
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)	0.23

SUNRISE INSTRUMENTS

www.srisensor.com

SIX AXIS CIRCULAR LOAD CELL
D85MM F100N, DIGITAL OUTPUT

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M4313A

REV.
B