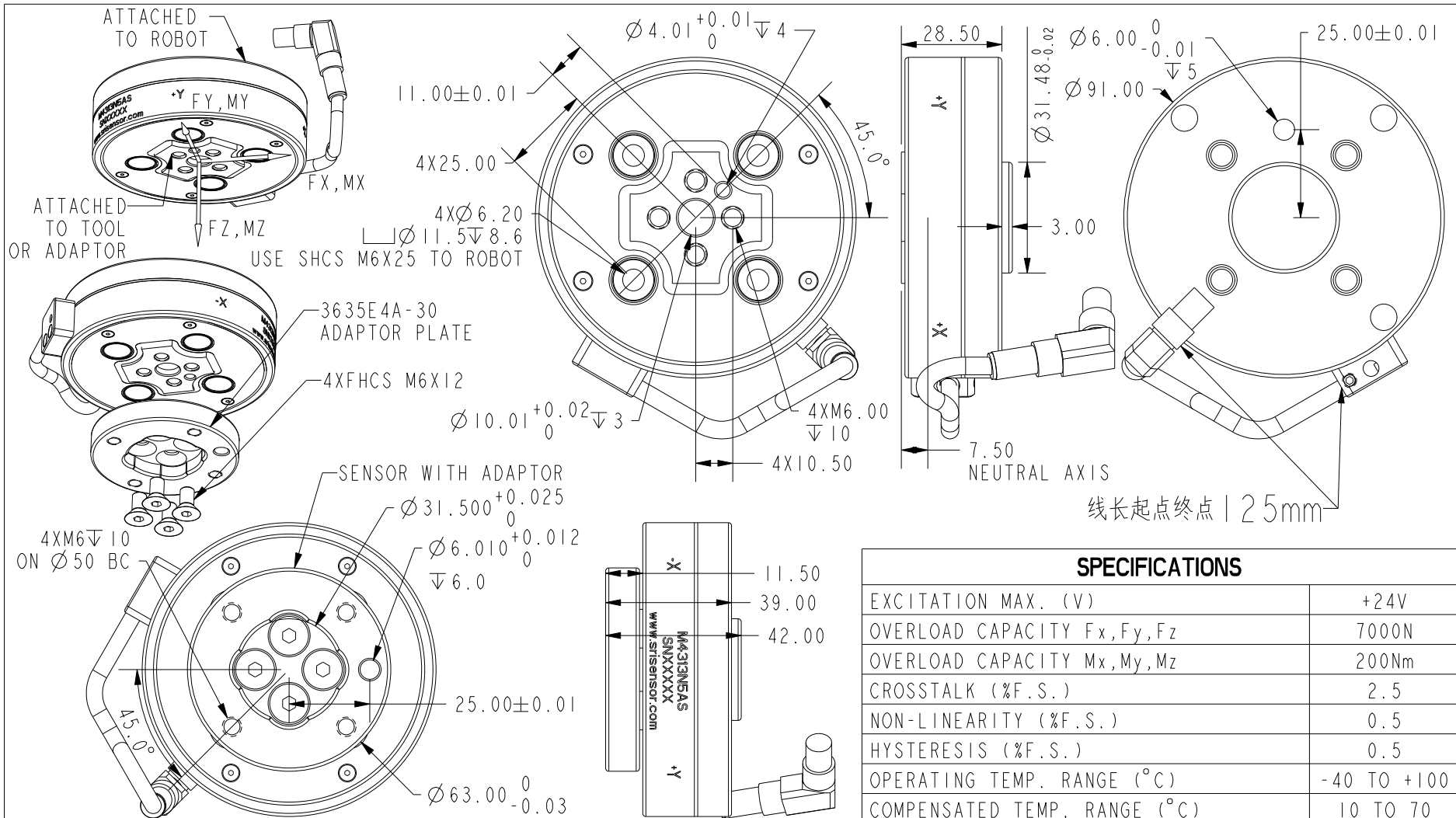




POSITIVE OUTPUT WHEN THE LOAD IS APPLIED TO THE TOOL SIDE PER COORDINATE SYSTEM AS SHOWN

SENSOR HAS INTERNAL AMPLIFIER AND DATA ACQUISITION SYSTEM.

CONNECTOR PIN ASSIGNMENT

PIN #	FUNCTION	PIN #	FUNCTION
1 RED	+24V	5 PINK	RS485B
2 BLUE	NC	6 BROWN	NA
3 GREEN	NC	7 WHITE	NA
4 YELLOW	RS485A	8 GREY	GND

SPECIFICATIONS	
EXCITATION MAX. (V)	+24V
OVERLOAD CAPACITY F_x, F_y, F_z	7000N
OVERLOAD CAPACITY M_x, M_y, M_z	200Nm
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) NOT INCLUDING ADAPTOR	0.68

SRI- SUNRISE INSTRUMENTS
www.srisensor.com

UNIAXIAL CIRCULAR LOAD CELL
 D91MM F1200N, DIGITAL (485) OUTPUT

	F_x (N)	F_y (N)	F_z (N)	M_x (Nm)	M_y (Nm)	M_z (Nm)
CAPACITY	NA	NA	1200	NA	NA	NA
RESOLUTION	NA	NA	0.16	NA	NA	NA

UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN MM

M4313N5AS

REV.
 B