



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
1 BROWN	+24V
2 WHITE	RS485+
3 BLUE	RS485-
4 BLACK	GND

LED Status	Sensor Status
off	power off
flicker	work properly
on	abnormal

	F <sub>x</sub> (N)	F <sub>y</sub> (N)	F <sub>z</sub> (N)	M <sub>x</sub> (Nm)	M <sub>y</sub> (Nm)	M <sub>z</sub> (Nm)
<b>CAPACITY</b>	100	100	100	8	8	8
<b>RESOLUTION</b>	0.0333	0.0333	0.0333	0.0007	0.0007	0.0007

SPECIFICATIONS	
EXCITATION MAX. (V)	+24V
OVERLOAD CAPACITY (%F.S.)	200
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	0.23

**SUNRISE INSTRUMENTS**  
[www.srisensor.com](http://www.srisensor.com)

SIX AXIS CIRCULAR LOAD CELL  
 D85MM F100N, DIGITAL (485) OUTPUT

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M4313M2A2	REV. 0.1
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