



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

SENSOR HAS INTERNAL AMPLIFIER AND DATA AQUISITION SYSTEM.

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

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

CONNECTOR PIN ASSIGNMENT			
COLOR	FUNCTION	COLOR	FUNCTION
1 BLUE	+24V	5 WHITE/GREEN	RDP
2 WHITE/BLUE	GND	6 GREEN	RDN
3 WHITE/ORANGE	TDP	7 WHITE/BROWN	RX
4 ORANGE	TDN	8 BROWN	TX

SUNRISE INSTRUMENTS
www.srisensor.com

SIX AXIS CIRCULAR LOAD CELL
D85MM F100N, ETHERNET TCP

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M4313M2B	REV. A
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