



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

SENSOR HAS INTERNAL AMPLIFIER AND DATA ACQUISITION SYSTEM.

WIRING CODE	
COLOR	FUNCTION
BLUE	+24V
WHITE/BLUE	GND
WHITE/BROWN	RX
BROWN	TX

SPECIFICATIONS	
EXCITATION MAX. (V)	+24V
OVERLOAD CAPACITY Fx, Fy, Fz	5500N
OVERLOAD CAPACITY Mx, My, Mz	160Nm
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	0.66

**SRI- SUNRISE INSTRUMENTS**  
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SIX AXIS CIRCULAR LOAD CELL  
 D91MM F800N, ETHERNET TCP/IP

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M4313N4B	REV. A
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	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>	800	800	800	40	40	40
<b>RESOLUTION</b>	0.18	0.18	0.18	0.003	0.003	0.003