



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

THE OUTPUTS ARE NOT STRUCTURALLY DECOUPLED  
A 6X6 DECOUPLED MATRIX IS PROVIDED TO OBTAIN EACH COMPONENT

	Fx	Fy	Fz	Mx	My	Mz
<b>CAPACITY (N/Nm)</b>	900	900	1800	100	100	100
<b>OUTPUT (mV/V)</b>	COUPLED					
<b>BRIDGE RES. (Ω)</b>	350	350	350	350	350	350

WIRING CODE			
FUNCTION	COLOR	FUNCTION	COLOR
+VIN(+7V)	RED	CANL	WHITE
GND	BLACK	TX-RS232	ORANGE
CANH	GREEN	RX-RS232	YELLOW

### SPECIFICATIONS

EXCITATION MAX. (V)	7.5±0.5
OVERLOAD CAPACITY (%F.S.)	500
FREE AIR RESONANT FREQ. (HZ.)	4500
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)	0.36

**SUNRISE INSTRUMENTS**

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SIX AXIS CIRCULAR LOAD CELL, COUPLED  
D60MM F900N, W/DAS & CAN BUS

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN MM

M3714B6

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