



OUTPUT IS POSITIVE WHEN THE LOAD IS APPLIED TO THE TOOL SIDE PER COORDINATE AS SHOWN. A 6X6 MATRIX IS PROVIDED FOR DECOUPLING

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	50	50	100	0.5	0.5	0.5
OUTPUT (mV/V)	COUPLED					
BRIDGE RES. (Ω)	350	350	350	350	350	350

WIRING CODE

FUNC	CHN1	CHN2	CHN3	CHN4	CHN5	CHN6
+SIG	WHITE (BROWN)	ORG (BROWN)	BLUE (BROWN)	YEL (BROWN)	RED (BROWN)	WHITE (BLACK)
-SIG	BROWN (WHITE)	BROWN (ORG)	BROWN (BLUE)	BROWN (YEL)	BROWN (RED)	BLACK (WHITE)
+EXC	ORG (BLACK)	BLACK (ORG)	BLUE (BLACK)	BLACK (BLUE)	RED (BLACK)	BLACK (RED)
-EXC	YELLOW (BLACK)			BLACK (YELLOW)		

"YEL"="YELLOW", "ORG"="ORANGE"

SPECIFICATIONS

EXCITATION MAX. (V)	5
OVERLOAD CAPACITY (%F.S.)	200
FREE AIR RESONANT FREQ. (HZ.)	22770
CROSSTALK (%F.S.)	3.0
NON-LINEARITY (%F.S.)	1.0
HYSTERESIS (%F.S.)	1.0
OPERATING TEMP. RANGE (°C)	-40 TO +100
COMPENSATED TEMP. RANGE (°C)	10 TO 70
MASS (KG)	0.006

SUNRISE INSTRUMENTS

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SIX AXIS CIRCULAR LOAD CELL
D15MM F50N

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M3701A

REV.
A