



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

	F_x	F_y	F_z			
CAPACITY (N/Nm)	520	520	520			
OUTPUT (mV/V)	COUPLED					
BRIDGE RES. (Ω)	350	350	700	350	350	700

SPECIFICATIONS	
EXCITATION MAX. (V)	10
OVERLOAD CAPACITY (%F.S.)	600
FREE AIR RESONANT FREQ. (HZ.)	950
CROSSTALK - WITH ADJUSTMENT (%F.S.)	2.0
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)	0.19

WIRING CODE - TWISTED PAIR						
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", "WHITE (BROWN)" = WHITE CABLE IN WHITE/BROWN PAIR						

SUNRISE INSTRUMENTS
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SIX AXIS CIRCULAR LOAD CELL
 D45MM F520N

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M3813E-3X	REV. B
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