



POSITIVE OUTPUT WHEN THE LOADING IS APPLIED TO THE TOOL SIDE OF THE LAODCELL, PER COORDINATE SYSTEM AS SHOWN

CHANNELS ARE COUPLED, AND DECOUPLED MATRIX ARE PROVIDED

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	1200.0	1200.0	2000.0	27.0	27.0	27.0
OUTPUT (mV/V)	COUPLED OUTPUT					
BRIDGE RES. (Ω)	350	700	350	700	350	700

SPECIFICATIONS	
EXCITATION MAX. (V)	7
OVERLOAD CAPACITY (%F.S.)	200
FREE AIR RESONANT FREQ. (HZ.)	2900
CROSSTALK (%F.S.)	3.0
NON-LINEARITY (%F.S.)	1.0
HYSTERESIS (%F.S.)	1.0
OPERATING TEMP. RANGE (°C)	-40 TO +90
COMPENSATED TEMP. RANGE (°C)	10 TO 70
MASS (KG)	0.06

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	RED(BLACK)					
-EXC	BLACK(RED)					
"YEL"="YELLOW", "ORG"="ORANGE", "WHITE(BROWN)" = WHITE CABLE IN WHITE/BROWN PAIR						

SUNRISE INSTRUMENTS
www.srisensor.com

SIX AXIS CIRCULAR LOAD CELL
EXTRA THIN, D45MM F1200N

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M3553E	REV. E
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