



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)	600.0	600.0	1000.0	40.0	40.0	40.0
OUTPUT (mV/V)	COUPLED OUTPUT					
BRIDGE RES. (Ω)	700	700	1400	700	700	700

SPECIFICATIONS	
EXCITATION MAX. (V)	7
OVERLOAD CAPACITY (%F.S.)	200
FREE AIR RESONANT FREQ. (HZ.)	2500
CROSSTALK (%F.S.)	6.0
NON-LINEARITY (%F.S.)	2.0
HYSTERESIS (%F.S.)	2.0
OPERATING TEMP. RANGE (°C)	-40 TO +90
COMPENSATED TEMP. RANGE (°C)	10 TO 70
MASS (KG)	0.26

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
www.srisensor.com

SIX AXIS CIRCULAR LOAD CELL
EXTRA THIN, D90MM F600N

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M3555D5	REV. A
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