



POSITIVE OUTPUT IS EXPECTED WHEN LOAD (FORCE OR MOMENT) IS APPLIED TO THE TOOL SIDE PER COORDINATE SYSTEM AS SHOWN

ALL CHANNELS ARE STRUCTURALLY DECOUPLED. NO DECOUPLING ALGORITHM REQUIRED. STANDARD DATA ACQUISITION SYSTEM CAN BE USED

IP PROTECTION: IP60. USE PART # "M3933P" FOR IP68 (10M) VERSION

	Fx	Fy	Fz
CAPACITY (N/Nm)	5400	5400	10800
OUTPUT (mV/V)	2.8	2.8	0.7
BRIDGE RES. (Ω)	750	750	750

SPECIFICATIONS	
EXCITATION MAX. (V)	15
OVERLOAD CAPACITY (%F.S.)	150
FREE AIR RESONANT FREQ. (HZ.)	3400
CROSSTALK (%F.S.)	5.0
NON-LINEARITY (%F.S.)	1.0
HYSTERESIS (%F.S.)	1.0
OPERATING TEMP. RANGE ($^{\circ}$ C)	-40 TO +100
MASS (KG)	0.48

WIRING CODE - TWISTED PAIR						
FUNC	FX	FY	FZ	MX	MY	MZ
+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
D60MM F5400N

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M3933-3X	REV. A
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