



ALL CHANNELS ARE STRUCTURALLY DECOUPLED. NO DECOUPLING ALGORITHM REQUIRED
 1P68, 10M UNDER FRESH WATER. UNDERWATER DEPTH HAS MINIMUM EFFECT ON OUTPUT
 ALUMINUM CONSTRUCTION. EMBEDDED AMPLIFIER TO ALLOW FOR LONG CABLE
 WHEN SRI'S INTERFACE BOX M8125 IS USED, RESOLUTION UP TO 1/5000

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	5000	5000	10000	2000	2000	2000
OUTPUT (V)	1.3	1.3	1.2	0.9	1.4	1.3
BRIDGE RES. (Ω)	350	350	700	350	350	700

SPECIFICATIONS	
EXCITATION MAX. (V)	8
OVERLOAD CAPACITY (%F.S.)	200
FREE AIR RESONANT FREQ. (HZ.)	800
CROSSTALK (%F.S.)	3.5
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	0.5
OPERATING TEMP. RANGE ($^{\circ}$ C)	-20 TO +85
COMPENSATED TEMP. RANGE ($^{\circ}$ C)	10 TO 70
MASS (KG)	36

WIRING CODE		VOLTAGE 7.5V@200MA			
COLOR	FUNCTION	COLOR	FUNCTION	COLOR	FUNCTION
GREEN	+FX	YELLOW	+FZ	BLUE	+MY
BROWN/WHT	-FX	GREEN/PURPLE	-FZ	BLUE/PURPLE	-MY
ORANGE	+FY	GREEN/WHT	+MX	BROWN	+MZ
BLUE/WHT	-FY	BROWN/PURPLE	-MX	ORG/PURPLE	-MZ
+V 7.5V @200MA: RED, RED/WHITE, RED/PURPLE, YELLOW/PURPLE					
GND: BLK, BLK/WHT, BLK/PURPLE, YELLOW/WHT, ORG/WHITE. SHIELD CONNECTED TO SENSOR					

SUNRISE INSTRUMENTS
www.srisensor.com

SIX AXIS FORCE PLATE LOAD CELL
 400 X 600 MM

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M3612C	REV. B
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