



ALL CHANNELS ARE STRUCTURALLY DECOUPLED. NO DECOUPLING ALGORITHM REQUIRED
 IP68, 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)	1250	1250	2500	500	500	500
OUTPUT (V)	1.3	1.3	1.2	0.9	1.4	1.3
BRIDGE RES. (Ω)	700	700	700	700	700	700

SPECIFICATIONS	
EXCITATION MAX. (V)	8
OVERLOAD CAPACITY (%F.S.)	200
FREE AIR RESONANT FREQ. (HZ.)	500
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	M3612A	REV. B
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