



NOTE: STEEL PLATE WITH MINIMUM THICKNESS OF 20MM MUST BE MOUNTED ON BOTH SIDES WITH ALL 25X10 SCREWS. OTHERWISE, SENSOR MAY GET DAMAGED!

ALL CHANNELS ARE STRUCTURALLY DECOUPLED. NO DECOUPLING ALGORITHM REQUIRED
 IP60, ALUMINUM CONSTRUCTION. EMBEDDED AMPLIFIER. WHEN SRI'S INTERFACE BOX
 M8128 IS USED, RESOLUTION UP TO 1/5000

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	10000	10000	10000	6000	6000	6000
OUTPUT (V)	1.3	1.3	1.3	1.3	1.3	1.3
BRIDGE RES. (Ω)	350	350	700	350	350	350

SPECIFICATIONS	
EXCITATION MAX. (V)	8
OVERLOAD CAPACITY (%F.S.)	150
FREE AIR RESONANT FREQ. (HZ.)	800
CROSSTALK (%F.S.)	5.0
NON-LINEARITY (%F.S.)	1.0
HYSTERESIS (%F.S.)	1.0
OPERATING TEMP. RANGE ($^{\circ}$ C)	-20 TO +85
COMPENSATED TEMP. RANGE ($^{\circ}$ C)	10 TO 70
MASS (KG)	49

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	M3612M	REV. 0.1
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