



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

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 (°C)	-20 TO +85
COMPENSATED TEMP. RANGE (°C)	10 TO 70
MASS (KG)	49

	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

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

M3612M1

REV.
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