



ALL CHANNELS ARE STRUCTURALLY DECOUPLED. NO DECOUPLING ALGORITHM REQUIRED
 1P68, 10M UNDER FRESH WATER. UNDERWATER DEPTH HAS MINIMUM EFFECT ON OUPUT
 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) | 350 | 350 | 700 | 350 | 350 | 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. A |
|--|--------|-----------|