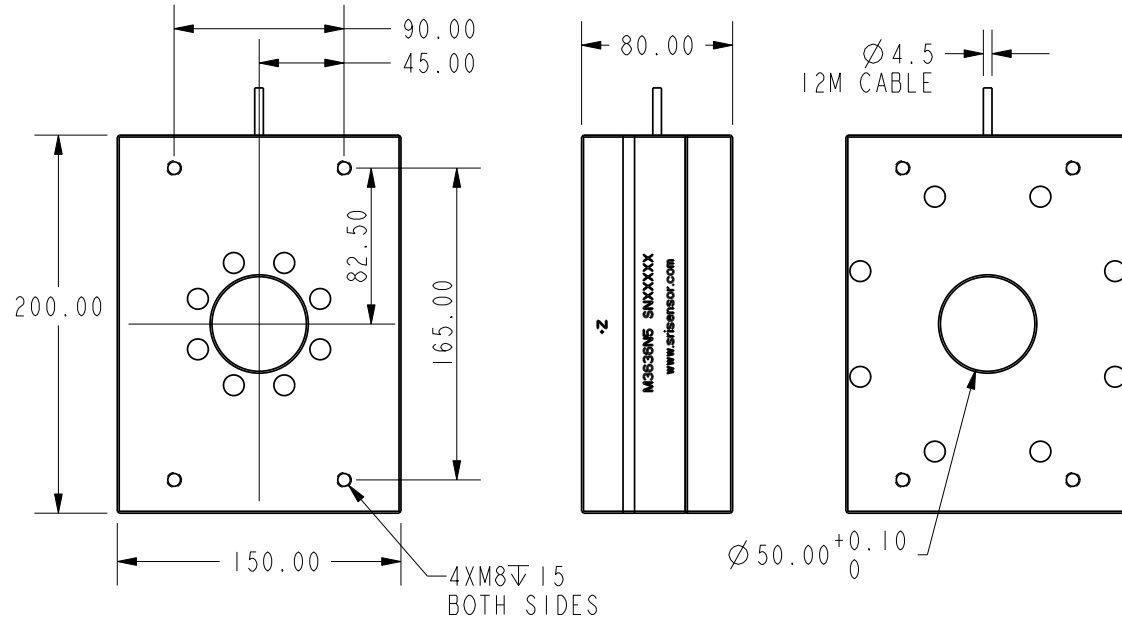
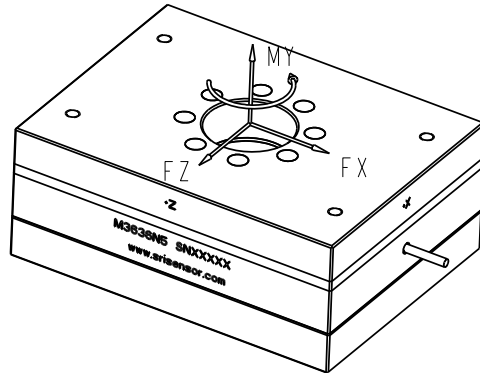




ALL CHANNELS ARE STRUCTURALLY DECOUPLED  
NO DECOUPLING ALGORITHM REQUIRED  
STANDARD DATA AQUISITION SYSTEM CAN BE USED

|                                          | Fx    | Fy | Fz    | Mx | My    | Mz |
|------------------------------------------|-------|----|-------|----|-------|----|
| <b>CAPACITY (N)</b>                      | 1000N | NA | 1000N | NA | 200Nm | NA |
| <b>OUTPUT (mV/V)</b>                     | 1.0   | NA | 1.1   | NA | 1.7   | NA |
| <b>BRIDGE RES. (<math>\Omega</math>)</b> | 700   | NA | 700   | NA | 1400  | NA |

#### WIRING CODE - TWISTED PAIR WIRES

| Fx            |          | Fz          |          | My            |          |
|---------------|----------|-------------|----------|---------------|----------|
| COLOR         | FUNCTION | COLOR       | FUNCTION | COLOR         | FUNCTION |
| RED(BLACK)    | +EXC.    | RED(BROWN)  | +EXC.    | ORANGE(BLACK) | +EXC.    |
| BLACK(RED)    | -EXC.    | BROWN(RED)  | -EXC.    | BLACK(ORANGE) | -EXC.    |
| YELLOW(BROWN) | +SIG.    | BLUE(BROWN) | +SIG.    | YELLOW(BLACK) | +SIG.    |
| BROWN(YELLOW) | -SIG.    | BROWN(BLUE) | -SIG.    | BLACK(YELLOW) | -SIG.    |

#### SPECIFICATIONS

|                                         |             |
|-----------------------------------------|-------------|
| EXCITATION (TYP.)                       | 5V          |
| OVERLOAD CAPACITY (%F.S.)               | 300         |
| CROSSTALK (%F.S.)                       | 2.0         |
| NON-LINEARITY (%F.S.)                   | 0.3         |
| HYSTERESIS (%F.S.)                      | 0.3         |
| OPERATING TEMP. RANGE ( $^{\circ}$ C)   | -40 TO +100 |
| COMPENSATED TEMP. RANGE ( $^{\circ}$ C) | 10 TO 70    |
| MASS (KG)                               | 8.6         |

**SUNRISE INSTRUMENTS**  
**www.srisensor.com**

THREE AXIS LOAD CELL  
FX, FZ, MY, 1000N CAPACITY

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN MM

M3636N5

REV.  
A