



POSITIVE OUTPUT WHEN THE LOAD IS APPLIED TO THE UPPER PORTION PER COORDINATE SYSTEM

| | Fx | Fy | Fz | Mx | My | Mz |
|--|----------|--------------|----------|----------------|----------|----|
| CAPACITY (N) | 300 | 300 | 300 | NA | NA | NA |
| OUTPUT (mV/V) | 0.3 | 0.3 | 0.15 | NA | NA | NA |
| BRIDGE RES. (Ω) | 700 | 700 | 700 | NA | NA | NA |
| WIRING CODE - TWISTED PAIR WIRES | | | | | | |
| Fx | | Fy | | Fz | | |
| 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 MAX. (V) | 5 |
| OVERLOAD CAPACITY (%F.S.) | 300 |
| CROSSTALK (%F.S.) | 2.5 |
| NON-LINEARITY (%F.S.) | 0.5 |
| HYSTERESIS (%F.S.) | 0.5 |
| OPERATING TEMP. RANGE ($^{\circ}$ C) | -40 TO +100 |
| COMPENSATED TEMP. RANGE ($^{\circ}$ C) | 10 TO 70 |
| MASS (KG) | 0.015 |
| SUNRISE INSTRUMENTS www.srisensor.com | |
| THREE AXIS SQUARE LOAD CELL 35X39X18MM, F300N | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM | M4312G6 |
| | REV. A |