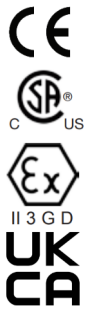


LP932-XXX-5XC Series



VIBRATION ANALYSIS HARDWARE

Low Capacitance, Class I, Division 2 (ATEX Zone 2) Loop Power Sensor, 4-20 mA Output Proportional to Vibration in Acceleration, Top Exit with Flying Leads



Product Features

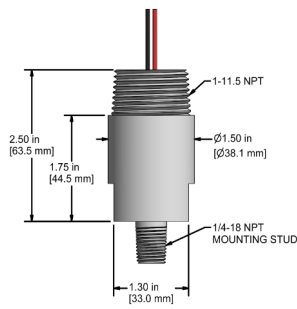
Continuous Monitoring in Hazardous Locations

4-20 mA Current Proportional to Vibration in Acceleration

- ▶ Can be used with IS311-1B Explosion Proof Elbow
- ▶ Transmit Signals Over Long Distances with No Signal Loss
- ▶ Outputs to PLC, DCS, SCADA

LP932-XXX-51C 1/4 inch NPT Mount

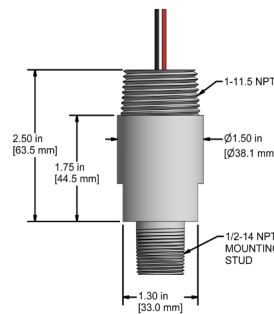
| Conductor | Polarity |
|-----------|--------------------------|
| Red | (+) Loop Power mA Output |
| Black | (-) Common |



Built To Order

LP932-XXX-52C 1/2 inch NPT Mount

| Conductor | Polarity |
|-----------|--------------------------|
| Red | (+) Loop Power mA Output |
| Black | (-) Common |



Built To Order

| Specifications | Standard | Metric | Specifications | Standard | Metric |
|-----------------------------|----------------------|-------------|--------------------------|--|---------------|
| Tolerance: 4 mA | (±10%) | | <u>Physical</u> | | |
| Tolerance: 20 mA | (± 10%) | | Sensing Element | PZT Ceramic | |
| <u>Electrical</u> | | | Sensing Structure | Shear Mode | |
| Settling Time | <60 Seconds | | Weight | 12 oz | 340 grams |
| Voltage Source (IEPE) | 12-28 VDC | | Case Material | 316L Stainless Steel | |
| Case Isolation | >10 ⁸ ohm | | Mounting Thread | 1/4 NPT (LP932-51C) 1/2 NPT (LP932-52C) | |
| <u>Environmental</u> | | | Connector (Non-Integral) | Flying Leads | |
| Operating Temperature Range | -4 to 176°F | -20 to 80°C | Mounting Torque | 2 to 5 ft. lbs. | 2,7 to 6,8 Nm |
| Electromagnetic Sensitivity | CE | | Calibration Certificate | Current Output @ 100 Hz | |
| Sealing | Welded, Hermetic | | | | |

Ordering Information

