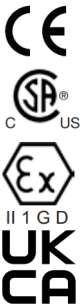


LP912 Series

Low Capacitance, Intrinsically Safe Loop Power Sensor, 4-20 mA
Output Proportional to Vibration in Acceleration, Top Exit 2 Pin
Connector



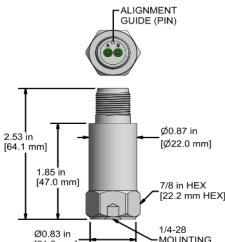
Product Features

Continuous Monitoring in Hazardous Locations
Works with Standard Cables

- ▶ CSA and ATEX Approvals
- ▶ Requires Energy Limiting Barriers such as IS111 or IS211 Series
- ▶ Vibration Alarms for Process Control

LP912-XXX-1B
2 Pin Connector

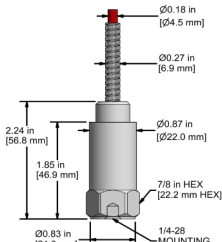
| Connector | Polarity |
|-----------|-----------------------------|
| Pin | |
| A | (+) Loop Power mA Output |
| B | (-) Common |



Built To Order

LP912-XXX-3C
Armored Integral Cable

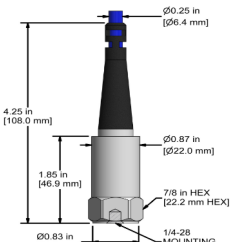
| Conductor | Polarity |
|-----------|-----------------------------|
| Red | (+) Loop Power mA Output |
| Black | (-) Common |
| Shield | Cable Drain Wire |



Built To Order

LP912-XXX-9C
Integral Cable

| Conductor | Polarity |
|-----------|-----------------------------|
| Red | (+) Loop Power mA Output |
| Black | (-) Common |
| Shield | Cable Drain Wire |



Built To Order

| Specifications | Standard | Metric | Specifications | Standard | Metric |
|-----------------------------|----------------------|-------------------|----------------------------|-----------------------------------|---------------------------------------|
| Part Number | LP912 | M/ or M8/LP912 | Physical | | |
| Tolerance: 4 mA | (± 10%) | | Sensing Element | PZT Ceramic | |
| Tolerance: 20 mA | (± 10%) | | Sensing Structure | Shear Mode | |
| Electrical | | | Weight | 3.7 oz | 105 g |
| Settling Time | <60 Seconds | | Case Material | 316L Stainless Steel | |
| Voltage Source (IEPE) | 12-28 VDC | | Mounting Thread | 1/4-28 Blind Tapped Hole | |
| Case Isolation | >10 ⁸ ohm | | Connector (Non-Integral) | 2 Pin MIL- C-5015 | |
| Environmental | | | Mounting Torque | 2 to 5 ft. lbs. | 2,7 to 6,8 Nm |
| Operating Temperature Range | -4 to 176 °F | -20 to 80 °C | Mounting Hardware Supplied | 1/4-28 Stud | M6x1 or M8x1.25 Adapter Stud |
| Electromagnetic Sensitivity | CE | | Calibration Certificate | Current Output @ 100 Hz | |
| Sealing | Welded, Hermetic | | | | |