

LPT202 Series

Loop Power Triaxial Sensor, 4-20 mA Output Proportional to Vibration in Velocity, Side Exit 6 Pin Connector



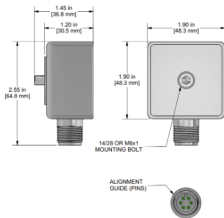
Product Features

Continuously Monitor & Protect Important Machinery

- ▶ 4-20 mA current proportional to Vibration
- ▶ Transmit Signals Over Long Distances with No Signal Loss
- ▶ Customize Your Settings to Focus on the Most Important Frequencies

LPT202-XXX-1A 6 Pin Connector

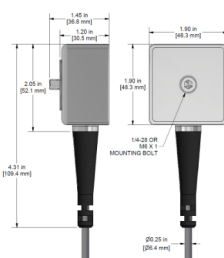
| Connector Pin | Polarity |
|---------------|-----------------------|
| 1 (Axis Y) | (+) Loop Power |
| 2 (Axis X) | (+) Loop Power |
| 3 (Axis Z) | (+) Loop Power |
| 4 (Axis Y) | (-) Loop Power Return |
| 5 (Axis X) | (-) Loop Power Return |
| 6 (Axis Z) | (-) Loop Power Return |



Stock Product

LPT202-XXX-2A CB123 Integral Cable

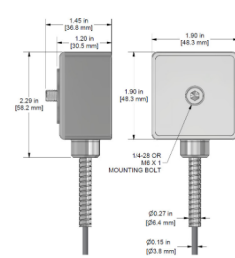
| Connector Pin | Polarity |
|----------------|-----------------------|
| Red (Axis Y) | (+) Loop Power |
| Green (Axis X) | (+) Loop Power |
| White (Axis Z) | (+) Loop Power |
| Black (Axis Y) | (-) Loop Power Return |
| Blue (Axis X) | (-) Loop Power Return |
| Brown (Axis Z) | (-) Loop Power Return |



Built To Order

LPT202-XXX-3A CB629 Armored Integral Cable

| Connector Pin | Polarity |
|----------------|-----------------------|
| Red (Axis Y) | (+) Loop Power |
| Green (Axis X) | (+) Loop Power |
| White (Axis Z) | (+) Loop Power |
| Black (Axis Y) | (-) Loop Power Return |
| Blue (Axis X) | (-) Loop Power Return |
| Brown (Axis Z) | (-) Loop Power Return |



Built To Order

| Specifications | Standard | Metric | Specifications | Standard | Metric |
|-----------------------------|------------------|------------------|----------------------------|-----------------|-------------------------|
| Part Number | LPT202 | M/LPT202 | Physical | | |
| Sensitivity (±10%) | | (± 10%) | Sensing Element | | PZT |
| Tolerance: 4 mA | | (± 10%) | Sensing Structure | | Ceramic |
| Tolerance: 20 mA | | (± 10%) | Weight | NEED | |
| Electrical | | | Case Material | | 316L |
| Settling Time | <30 | Seconds | Mounting Thread | | Stainless Steel |
| Voltage Source (IEPE) | 15-30 | VDC | Connector (Non-Integral) | | 1/4-28 |
| Case Isolation | >10 ⁸ | ohm | Mounting Torque | 2 to 5 ft. lbs. | 2,7 to 6,8 Nm |
| Environmental | | | Mounting Hardware Supplied | Captive Bolt | Captive Bolt |
| Operating Temperature Range | -4 to 212°F | -20 to 100°C | Calibration Certificate | | Current Output @ 100 Hz |
| Electromagnetic Sensitivity | | CE | | | |
| Sealing | | Welded, Hermetic | | | |
| Submersible Depth | 200 ft. | 60 m | | | |