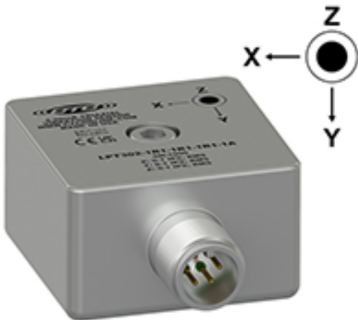


LPT302 Series

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

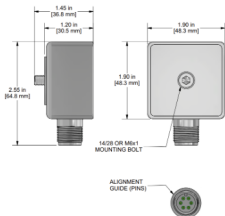


Product Features

- 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

LPT302-XXX-1A  
6 Pin Connector

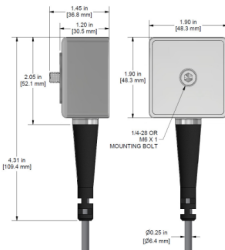
| Connector Pin | Polarity              |
|---------------|-----------------------|
| 1 (Axis Y)    | (+) Loop Power        |
| 2 (Axis X)    | (+) Loop Power        |
| 3 (Axis Z)    | (+) Loop Power        |
| 4 (Axis Y)    | (-) Loop Power Return |
| 5 (Axis X)    | (-) Loop Power Return |
| 6 (Axis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



Stock Product

LPT302-XXX-2A  
CB123 Integral Cable

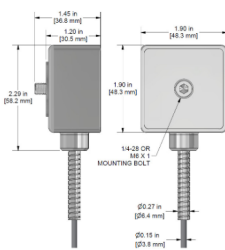
| Connector Pin  | Polarity              |
|----------------|-----------------------|
| Red (Axis Y)   | (+) Loop Power        |
| Green (Axis X) | (+) Loop Power        |
| White (Axis Z) | (+) Loop Power        |
| Black (Axis Y) | (-) Loop Power Return |
| Blue (Axis X)  | (-) Loop Power Return |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



Built To Order

LPT302-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              |                      |              | Specifications             |                      |               |
|-----------------------------|----------------------|--------------|----------------------------|----------------------|---------------|
| Standard                    | Metric               |              | Standard                   | Metric               |               |
| Part Number                 | LPT302               | M/LPT302     | <u>Physical</u>            |                      |               |
| Tolerance: 4 mA             | (± 10%)              |              | Sensing Element            | PZT Ceramic          |               |
| Tolerance: 20 mA            | (± 10%)              |              | Sensing Structure          | Shear Mode           |               |
| <u>Electrical</u>           |                      |              | Weight                     | 3.0 oz               | 86 grams      |
| Settling Time               | <30 Seconds          |              | Case Material              | 316L Stainless Steel |               |
| Voltage Source (IEPE)       | 15-30 VDC            |              | Mounting Thread            | 1/4-28               |               |
| Case Isolation              | >10 <sup>8</sup> ohm |              | Connector (Non-Integral)   | 2 Pin MIL-C-5015     |               |
| <u>Environmental</u>        |                      |              | Mounting Torque            | 2 to 5 ft. lbs.      | 2,7 to 6,8 Nm |
| Operating Temperature Range | -4 to 212°F          | -20 to 100°C | Mounting Hardware Supplied | Captive Bolt         | Captive Bolt  |
| Electromagnetic Sensitivity | CE                   |              | Current Output @           |                      |               |
| Sealing                     | Welded, Hermetic     |              | Calibration Certificate    |                      |               |
| Submersible Depth           | 200 ft.              | 60 m         |                            |                      |               |