

# LPT302 Series

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



VIBRATION ANALYSIS HARDWARE



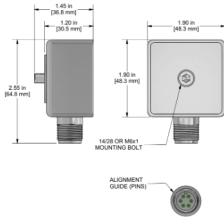
## Product Features

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

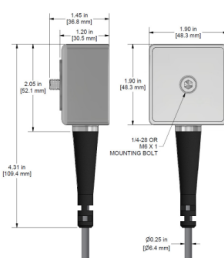
Connector Pin	Polarity
1 (Axis Y)	(+) Loop Power
2 (Axis X)	(+) Loop Power
3 (Axis Z)	(+) Loop Power
4 (Axis Y)	(-) Loop Power Return
5 (Axis X)	(-) Loop Power Return
6 (Axis Z)	(-) Loop Power Return



Stock Product

### LPT302-XXX-2A CB123 Integral Cable

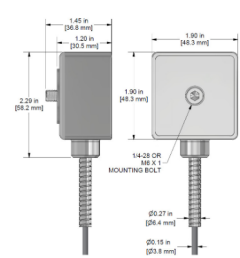
Connector Pin	Polarity
Red (Axis Y)	(+) Loop Power
Green (Axis X)	(+) Loop Power
White (Axis Z)	(+) Loop Power
Black (Axis Y)	(-) Loop Power Return
Blue (Axis X)	(-) Loop Power Return
Brown (Axis Z)	(-) Loop Power Return



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	Standard	Metric	Specifications	Standard	Metric
Part Number	LPT302	M/LPT302	<b>Physical</b>		
Tolerance: 4 mA		(± 10%)	Sensing Element		PZT
Tolerance: 20 mA		(± 10%)	Sensing Structure		Ceramic
<b>Electrical</b>			Weight	3.0 oz	86 grams
Settling Time		<30 Seconds	Case Material		316L
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
<b>Environmental</b>			Mounting Torque	2 to 5 ft. lbs.	2,7 to 6,8 Nm
Operating Temperature Range		-4 to 212°F / 100°C	Mounting Hardware Supplied	Captive Bolt	Captive Bolt
Electromagnetic Sensitivity		CE			
Sealing		Welded, Hermetic	Calibration Certificate		Current Output @
Submersible Depth	200 ft.	60 m			