

LPT202 Series

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



VIBRATION ANALYSIS HARDWARE



Product Features

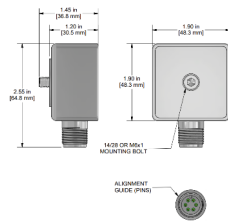
Continuously Monitor & Protect Important Machinery

- ▶ 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

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
5 (Axis X)	(-) Loop Power
6 (Axis Z)	(-) Loop Power
	Return

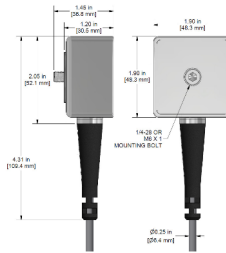


Stock Product

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
Blue (Axis X)	(-) Loop Power
Brown (Axis Z)	(-) Loop Power
	Return

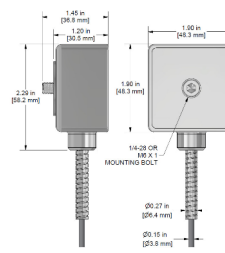


Built To Order

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
Blue (Axis X)	(-) Loop Power
Brown (Axis Z)	(-) Loop Power
	Return



Built To Order

Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	LPT202		Physical		
Sensitivity ($\pm 10\%$)		($\pm 10\%$)	Sensing Element		PZT Ceramic
Tolerance: 4 mA		($\pm 10\%$)	Sensing Structure		Shear Mode
Tolerance: 20 mA		($\pm 10\%$)	Weight		NEED
Electrical			Case Material		316L Stainless Steel
Settling Time		<30 Seconds	Mounting Thread		1/4-28
Voltage Source (IEPE)		15-30 VDC	Connector (Non-Integral)		6 Pin Connector
Case Isolation		>10 ⁸ ohm	Mounting Torque		2 to 5 ft. lbs. / 2.7 to 6.8 Nm
Environmental			Mounting Hardware Supplied		1/4-28 Captive Bolt / M6x1 Captive Bolt
Operating Temperature Range		-40 to 212°F / -40 to 100°C	Calibration Certificate		Current Output @ 100 Hz
Electromagnetic Sensitivity		CE			
Sealing		Welded, Hermetic			
Submersible Depth		200 ft. / 60 m			

Ordering Information

□ /LPT202 - □ □

Stud Type
Blank = 1/4-28
M = M6x1

Measurement Range
0 = 0-0.5 IPS (0-12.7 mm/sec)
1 = 0-1 IPS (0-25.4 mm/sec)
2 = 0-2 IPS (0-25.4 mm/sec)
3 = 0-0.4 IPS (0-10 mm/sec)
4 = 0-0.8 IPS (0.20 mm/sec)
6 = 0-5 IPS (0-127 mm/sec)

Type
P = Peak
R = RMS

Frequency Range $\pm 3dB$
1 = 600-60000 CPM (10-1000 Hz)
2 = 180-150000 CPM (3-2500 Hz)
3 = 180-60000 CPM (3-1000 Hz)

Style
1E = 6 Pin Connector
2E = Integral Cable
3E = Armor Jacket

Integral Options	
/ □ □ □ □	/ □ □ □ □
Armor Length (Integral)	Cable Length (Integral)
010 = 10 ft/3 m	010 = 10 ft/3 m
020 = 20 ft/6 m	020 = 20 ft/6 m
030 = 30 ft/9 m	030 = 30 ft/9 m
050 = 50 ft/15 m	050 = 50 ft/15 m
100 = 100 ft/30 m	100 = 100 ft/30 m
*Custom Lengths Available Upon Request	

Backed by our Unconditional Lifetime Warranty

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