

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

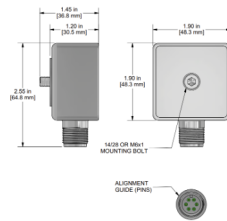
Continuously Monitor & Protect Important Machinery

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

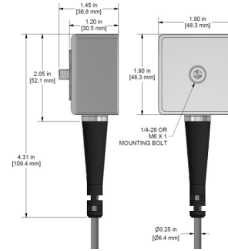


Stock Product

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

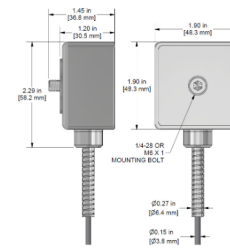


Built To Order

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



Built To Order

Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	LPT202	M/LPT202	Physical		
Sensitivity (±10%)	(± 10%)		Sensing Element		PZT Ceramic
Tolerance: 4 mA	(± 10%)		Sensing Structure		Shear Mode
Tolerance: 20 mA	(± 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	-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			

Ordering Information

/LPT202 - / /

Stud Type	Measurement Range	Type	Frequency Range ±3dB	Style	Armor Length (Integral)	Cable Length (Integral)
Blank = 1/4-28 M = M6x1	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)	P = Peak R = RMS	1 = 600-60000 CPM (10-1000 Hz) 2 = 180-150000 CPM (3-2500 Hz) 3 = 180-60000 CPM (3-1000 Hz)	1A = 6 Pin Connector 2A = Integral Cable 3A = Armor Jacket	010 = 10 ft/3 m 020 = 20 ft/6 m 030 = 30 ft/9 m 050 = 50 ft/15 m 100 = 100 ft/30 m	010 = 10 ft/3 m 020 = 20 ft/6 m 030 = 30 ft/9 m 050 = 50 ft/15 m 100 = 100 ft/30 m

*Custom Lengths Available Upon Request

Backed by our Unconditional Lifetime Warranty & Free Annual Recalibration Service

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