

LP202 Series

Loop Power Sensor, Velocity, 4-20 mA Output, Top Exit



PROTECTION & RELIABILITY INSTRUMENTS



Product Features

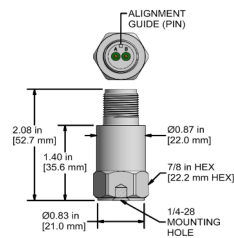
Continuously Monitor & Protect Important Machinery

- ▶ 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

LP202-XXX-1E

2 Pin Connector

Connector	Polarity
Pin	
A	(+) Loop Power mA
B	Output
	(-) Common

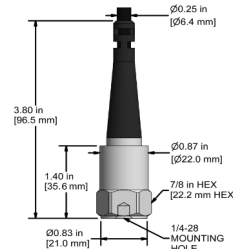


Built To Order

LP202-XXX-2E

Integral Cable

Conductor	Polarity
Red	(+) Loop Power mA
Black	Output
Shield	(-) Common
	Cable Drain Wire

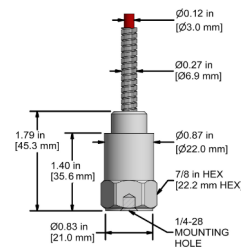


Built To Order

LP202-XXX-3E

Armored Integral Cable

Conductor	Polarity
Red	(+) Loop Power mA
Black	Output
Shield	(-) Common
	Cable Drain Wire



Built To Order

Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	LP202	M/LP202	<u>Physical</u>		
Tolerance: 4 mA	(± 5%)		Sensing Element	PZT Ceramic	
Tolerance: 20 mA	(± 10%)		Sensing Structure	Shear Mode	
<u>Electrical</u>			Weight	2.9 oz	82 grams
Settling Time	<30 Seconds		Case Material	316L Stainless Steel	
Voltage Source (IEPE)	15-30 VDC		Mounting	1/4-28	
Case Isolation	>10 ⁸ 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
Temperature Range	-40 to 212°F	-40 to 100°C	Mounting Hardware	1/4-28 Stud	M6x1 Adapter Stud
Electromagnetic Sensitivity	CE		Calibration Certificate	Current Output @ 100 Hz	
Sealing	Welded, Hermetic				
Submersible Depth	200 ft.	60 m			

Lifetime Warranty on Materials & Workmanship

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