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

Actual Product Size Shown

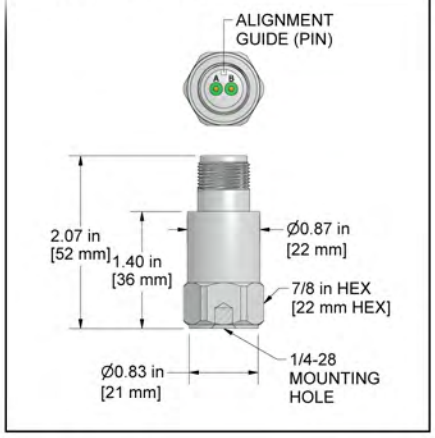
Product Features

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*

LP202-1A
2 Pin Connector

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

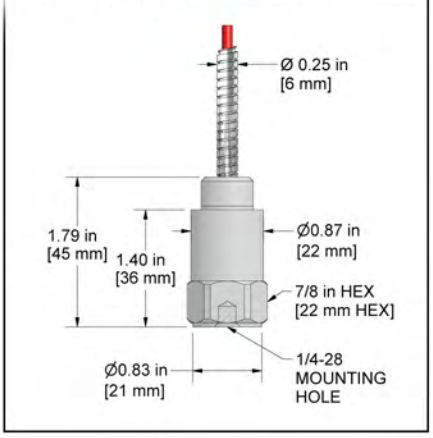


LP202-2C
Integral Cable

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

LP202-3C
Armored Integral Cable

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



Specifications	Standard	Metric
Output, 4-20 mA Measurement Range	See Selection Guide	
Electrical		
Settling Time (Turn on Time) @ Room Temp (68° F/20° C)	<60 Seconds	
Power Requirement (Loop Powered) Voltage Source	15-30 VDC	
Electrical Case Isolation	>10^8 ohm	
Environmental		
Temperature Range	-40 to 185°F	-40 to 85°C
Electromagnetic Sensitivity	CE	
Sealing	Welded, Hermetic	
Submersible Depth(LP202-2C)	500 ft.	152 m

Specifications	Standard	Metric
Physical		
Sensing Element	PZT Ceramic	
Sensing Structure	Shear Mode	
Weight (without cable)	2.9 oz	82 grams
Case Material	316L Stainless Steel	
Mounting Hole	1/4-28	
Connector (LP202-1A) Integral Cable (LP202-2C) Armored Cable (LP202-3C)	2 Pin MIL-C-5015 CB103 CB206, Armor Jacket	
Mechanical		
Mounting Torque	2 to 5 ft. lbs.	2,7 to 6,8 Nm
Supplied Accessories		
Mounting Hardware	1/4-28 Stud	M6x1 Adapter Stud
Calibration Certificate	Current Output @ 100 Hz	

Ordering Information

/LP202 - ☐ ☐ ☐ - ☐☐ / ☐☐☐ -Z

Stud Type	Measurement Range	Range Type	Frequency Range +/- 3dB	Style	Cable Length (Integral)
M = *M6x1* *(blank for 1/4-28)*	**0** = *0-0.5 IPS (0-12,7 mm/sec)* **1** = *0-1 IPS (0-25,4 mm/sec)* **2** = *0-2 IPS (0-50,8 mm/sec)* **3** = *0-10 mm/sec (0-0,4 IPS)* **4** = *0-20 mm/sec (0-0,8 IPS)*	**R** = *RMS* **P** = *Peak*	**1** = *600-60,000 CPM (10-1000 Hz)* **2** = *180-150,000 CPM (3-2500 Hz)*	**1A** = *2 Pin MIL C-5015* **2C** = *Integral Cable, CB103* **3C** = *Armor Jacket, CB206*	**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)*