

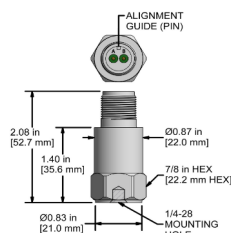
Loop Power Sensor, 4-20 mA Output Proportional to Vibration in Velocity, Top Exit 2 Pin Connector



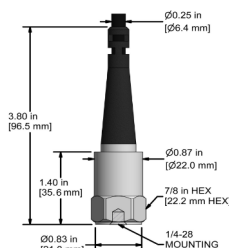
Continuously Monitor & Protect Important Machinery

- ▶ 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

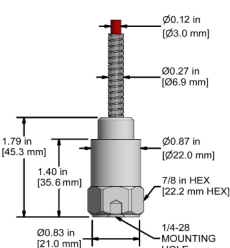
(+) Loop Power mA
Output
(-) Common



(+) Loop Power
mA Output
(-) Common
Cable Drain Wire



(+) Loop Power
mA Output
(-) Common
Cable Drain Wire



Built To Order

Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	LP202	M/LP202	Physical		
Tolerance: 4 mA	(± 10%)		Sensing Element	PZT Ceramic	
Tolerance: 20 mA	(± 10%)		Sensing Structure	Shear Mode	
Electrical			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	
Environmental			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				
Sealing	Welded, Hermetic				
Submersible Depth	200 ft.	60 m			
			Calibration Certificate	Current Output @ 100 Hz	

Integral Options	
<div style="display: flex; align-items: center; justify-content: center; margin-bottom: 10px;"> / <div style="border: 1px solid black; width: 150px; height: 40px; display: flex; justify-content: space-around;"> <div style="width: 33%; height: 33px;"></div> <div style="width: 33%; height: 33px;"></div> <div style="width: 33%; height: 33px;"></div> </div> </div> <div style="text-align: center;"> <p>Armor Length (Integral)</p> <p>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</p> </div>	<div style="display: flex; align-items: center; justify-content: center; margin-bottom: 10px;"> / <div style="border: 1px solid black; width: 150px; height: 40px; display: flex; justify-content: space-around;"> <div style="width: 33%; height: 33px;"></div> <div style="width: 33%; height: 33px;"></div> <div style="width: 33%; height: 33px;"></div> </div> </div> <div style="text-align: center;"> <p>Cable Length (Integral)</p> <p>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</p> </div>

Stud Type	Measurement Range	Type	Frequency Range $\pm 3\text{dB}$	Style	Armor Length (Integral)	Cable Length (Integral)
Blank = ¼-28 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 (0-50.8 mm/sec) 3 = 0-4 IPS (0-10 mm/sec) 4 = 0-0.8 IPS (0-20 mm/sec) 5 = 0-1 IPS (0-25 mm/sec)	P = Peak R = RMS	1 = 600-60000 CPM (10-1000 Hz) 2 = 120-150000 CPM (2-2500 Hz) 3 = 120-60000 CPM (2-1000 Hz) 4 = 120-300000 CPM (2-5000 Hz) 5 = 120-600000 CPM (2-10000 Hz)	1E = 2 Pin MIL C-5015 2E = Integral Cable 3E = Armor Jacket M12E = 4 Pin M12	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