

LP202-M12 Series

Loop Power Sensor, Velocity, 4-20 mA Output, Top Exit M12 Connector



Actual Product Size Shown

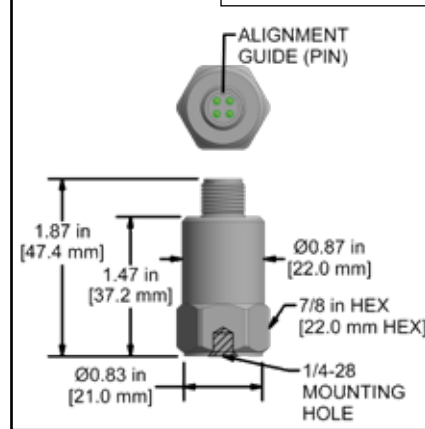
Product Features

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-M12E 4 Pin Connector

Connector Pin	Polarity
1	(+) Signal/Power
2	(-) Common
3	Not Used
4	Not Used



Specifications	Standard	Metric
Output, 4-20 mA	See Selection Guide	
Measurement Range		
Tolerances		
4 mA	(± 5%)	
20 mA	(± 10%)	
Electrical		
Settling Time (Turn on Time) @ Room Temp (68° F/20° C)	<30 Seconds	
Power Requirement (Loop Powered) Voltage Source	15-30 VDC	
Electrical Case Isolation	>10 ⁸ ohm	
Environmental		
Temperature Range	-40 to 212°F	-40 to 100°C
Electromagnetic Sensitivity	CE	
Sealing	Welded, Hermetic	

Specifications	Standard	Metric
Physical		
Sensing Element	PZT Ceramic	
Sensing Structure	Shear Mode	
Weight	2.9 oz	82 grams
Case Material	316L Stainless Steel	
Mounting	1/4-28	
Connector (LP202-M12E)	4 Pin M12	
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

Ordering Information

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Stud Type	Measurement Range	Range Type	Frequency Range +/- 3dB	Style
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) 6 = 0-5 IPS (0-127 mm/sec)	R = RMS P = Peak	1 = 600-60,000 CPM (10-1000 Hz) 2 = 120-150,000 CPM (2-2500 Hz) 3 = 120-60,000 CPM (2-1000 Hz) 4 = 120-300,000 CPM (2-5000 Hz) 5 = 120-600,000 CPM (2-10000 Hz)	M12E = 4 Pin M12



Lifetime Warranty on Materials & Workmanship
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