

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

Built To Order

LP202-XXX-2E
Integral

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

Built To Order

LP202-XXX-3E
Armor Integral

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

Built To Order

Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	LP202	M/LP202	Physical		
Tolerance @ 4mA	(±5%)		Sensing Element	PZT Ceramic	
Tolerance @ 20mA	(±10%)		Sensing Structure	Shear Mode	
Electrical			Weight	2.9oz	82grams
Settling Time	<30 Seconds		Case Material	316 Stainless Steel	
Voltage Source (RPE)	15-30VDC		Mounting	1/4-28	
Case Isolation	>10 ⁹ ohm		Connector (or Integral)	2 Pin MIL C-5015	
Environmental			Mounting Torque	2 to 5 ft.lbs.	2.7 to 6.8 Nm
Temperature Range	-40 to 121°F	-40 to 100°C	Mounting Hardware	1/4-28 stud	M6 x Adapter Stud
Electromagnetic Sensitivity	CE		Calibration Certificate	Current Output @ 100 Hz	
Sealing	Welded Hermetic				
Submersion Depth	20ft.	60m			

Ordering Information

<input type="checkbox"/> /LP202 - <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> / <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>						
Stud Type	Measurement Range	Range Type	Frequency Range ±3 dB	Style	Integral Options	
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 (0-50.8 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 = 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	Armor Length (Integral) 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	Cable Length (Integral) 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						

Lifetime Warranty on Materials & Workmanship
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