

# LP304-M12 Series

Loop Power Sensor, Acceleration, 4-20 mA Output, Side Exit M12 Connector

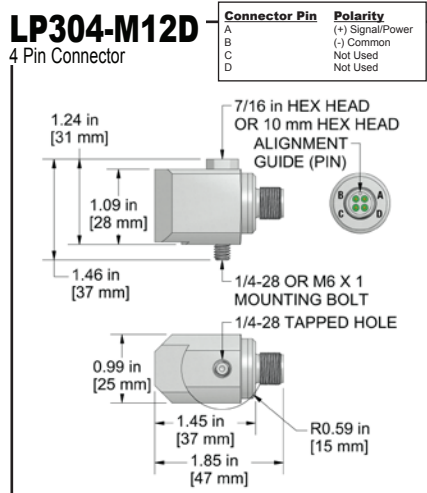


Actual Product Size Shown

## 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



Specifications	Standard	Metric
Output, 4-20 mA	See Selection Guide	
Measurement Range	See Selection Guide	
<b>Tolerances</b>		
4 mA	± 5%	
20 mA	± 10%	
<b>Electrical</b>		
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 <sup>9</sup> ohm	
<b>Environmental</b>		
Temperature Range	-40 to 185°F	-40 to 85°C
Electromagnetic Sensitivity	CE	
Sealing	IP68	

Specifications	Standard	Metric
<b>Physical</b>		
Sensing Element	PZT Ceramic	
Sensing Structure	Shear Mode	
Weight	4.9 oz	140 grams
Case Material	316L Stainless Steel	
Mounting	1/4-28	
Connector (LP304-XXX-M12D)	4 Pin M12	
<b>Mechanical</b>		
Mounting Torque	2 to 5 ft. lbs.	2,7 to 6,8 Nm
<b>Supplied Accessories</b>		
Mounting Hardware	1/4-28 Captive Bolt	M6x1 Captive Bolt
Calibration Certificate	Current Output @ 100 Hz	

## Ordering Information

/LP304
 


 -
  M  1  2  D

Stud Type	Measurement Range	Range Type	Frequency Range +/- 3dB	Style
M = M6x1  (blank for 1/4-28)	0 = 0-1 g 2 = 0-2 g 5 = 0-5 g 10 = 0-10 g 20 = 0-20 g	R = RMS P = Peak	1 = 600-60,000 CPM (10-1000 Hz) 2 = 180-150,000 CPM (3-2500 Hz) 3 = 180-60,000 CPM (3-1000 Hz) 4 = 180-300,000 CPM (3-5000 Hz)	M12D = 4 Pin M12



Lifetime Warranty on Materials & Workmanship

www.ctconline.com

