LP304-M12 Series

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

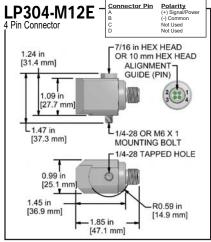


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Product Features Continuously Monitor & Protect Important Machinery

- 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

Actual Product Size Shown



Specifications	Standard	Metric	
Output, 4-20 mA Measurement Range	See Selection Guide		
Tolerances			
4 mA 20 mA		5%) 0%)	
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	IP68		

Specifications	Standard	Metric
Physical		
Sensing Element	PZT Ce	ramic
Sensing Structure	Shear I	Mode
Weight	4.7 oz	134 grams
Case Material	316L Stain	less Steel
Mounting	1/4-	-28
Connector (LP304-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 Captive Bolt	M6x1 Captive Bolt
Calibration Certificate	Current Outp	out @ 100 Hz

Ordering Information

	2304		-	M 1	2 E
Stud Type	Measurement Range	Range Type	Frequency Range +/- 3dB	St	yle
M = M6x1	0 = 0-1 g	R = RMS	1 = 600-60,000 CPM (10-1000 Hz)	M12E = 4 Pin /	M12
	2 = 0-2 g	P = Peak	2 = 180-150,000 CPM (3-2500 Hz)		
(blank for 1/4-28)	5 = 0-5 g		3 = 180-60,000 CPM (3-1000 Hz)		
	10 = 0-10 g		4 = 180-300,000 CPM (3-5000 Hz)		
	20 = 0-20 g				
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Lifetime Warranty on Materials & Workmanship Page 427 • 800-999-5290