

LP384-M12E Series



VIBRATION ANALYSIS HARDWARE

Loop Power Sensor, 4-20 mA Output Proportional to Vibration in Acceleration, Side Exit 4 Pin M12 Connector, M8x1.25 Captive Bolt



Product Features

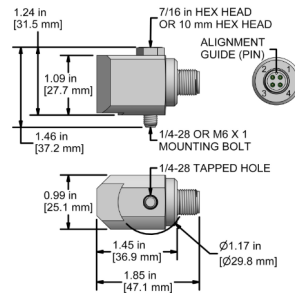
4-20 mA Current Proportional to Vibration in Acceleration

- ▶ Peak and RMS Outputs Available
- ▶ Transmits Signals Over Long Distances with No Signal Loss
- ▶ Outputs to PLC, DCS, SCADA

LP384-XXX-M12E

4 Pin M12 Connector

Connector Pin	Polarity
1	(+) Loop Power mA Output
2	(-) Common
3	Not Used
4	Not Used



Built To Order

Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	LP384-M12E		Physical		
Tolerance: 4 mA		(± 10%)	Sensing Element	Welded, Hermetic	
Tolerance: 20 mA		(± 10%)	Sensing Structure	Shear Mode	
Electrical			Weight	4.9 oz	140 grams
Settling Time	<60 Seconds		Case Material	316L Stainless Steel	
Voltage Source (IEPE)	15-30 VDC		Mounting Thread	M8x1.25 Captive Bolt	
Case Isolation	>10 ⁹ ohm		Connector (Non-Integral)	2 Pin MIL-C-5015	
Environmental			Mounting Torque	2 to 5 ft. lbs.	2.7 to 6.8 Nm
Operating Temperature Range	-4 to 212 °F	-20 to 100 °C	Mounting Hardware Supplied	1/4-28 Captive Bolt	M8x1.25 Captive Bolt
Electromagnetic Sensitivity	CE		Calibration Certificate	Current Output @ 100 Hz	
Submersible Depth	200 ft.	60 m			

Ordering Information

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Bolt Type Blank = M8x1.25	Measurement Range 0 = 0-1 g 2 = 0-2 g 5 = 0-5 g 10 = 0-10 g 20 = 0-20 g	Type P = Peak R = RMS	Frequency Range ±3dB 1 = 600-60000 CPM (10-1000 Hz) 2 = 180-150000 CPM (3-2500 Hz) 3 = 180-60000 CPM (3-1000 Hz) 4 = 180-300000 CPM (3-5000 Hz) 5 = 180-600000 CPM (3-10000 Hz)	Style 1E = 2 Pin MIL C-5015 2E = Integral Cable 3E = Armor Jacket M12E = 4 Pin M12	Integral Options	
					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						

Backed by our Unconditional Lifetime Warranty & Free Annual Recalibration Service

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