LP384-M12E Series

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

VIBRATION ANALYSIS HARDWARE

Product Features

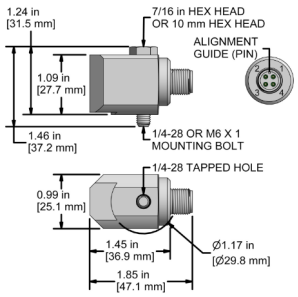
4-20 mA Current Proportional to Vibration in Acceleration

- 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
Part Number	LP384-M12E	
Tolerance: 4 mA	(± 10%)	
Tolerance: 20 mA	(± 10%)	
Electrical		
Settling Time	<60 Seconds	
Voltage Source (IEPE)	15-30 VDC	
Case Isolation	>10^8 ohm	
Environmental		
Operating Temperature Range	-4 to 212 °F	-20 to 100 °C
Electromagnetic Sensitivity	CE	
Submersible Depth	200 ft.	60 m

Specifications	Standard	Metric
Physical		
Sensing Element	Welded, Hermetic	
Sensing Structure	Shear Mode	
Weight	4.9 oz	140 grams
Case Material	316L Stainless Steel	
Mounting Thread	M8x1.25 Captive Bolt	
Connector (Non-Integral)	2 Pin MIL-C-5015	
Mounting Torque	2 to 5 ft. lbs.	2,7 to 6,8 Nm
Mounting Hardware Supplied	1/4-28 Captive Bolt	M8x1.25 Captive Bolt
Calibration Certificate	Current Output @ 100 Hz	

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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