

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



Product Features

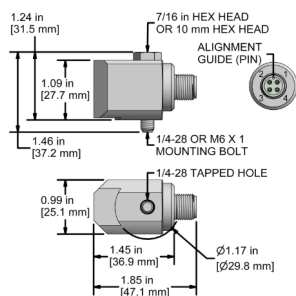
4-20 mA Current Proportional to Vibration in Acceleration

- ▶ 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
2	(-) Loop Power Return
3	Not Used
4	Not Used



Built To Order

Specifications		Standard	Metric	Specifications		Standard	Metric
Part Number		LP384-M12E		<u>Physical</u>			
Tolerance: 4 mA		(± 10%)		Sensing Element		Welded, Hermetic	
Tolerance: 20 mA		(± 10%)		Sensing Structure		Shear Mode	
<u>Electrical</u>				Weight		4.9 oz	140 grams
Settling Time		<60 Seconds		Case Material		316L Stainless Steel	
Voltage Source		15-30 VDC		Mounting Thread		M8x1.25 Captive Bolt	
Case Isolation		>10 ⁸ ohm		Connector (Non-Integral)		2 Pin MIL-C-5015	
<u>Environmental</u>				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

/LP384 -			-			/	/
Bolt Type	Measurement Range	Type	Frequency Range ±3dB	Style	Armor Length (Integral)	Cable Length (Integral)	
Blank = M8x1.25	0 = 0-1 g 2 = 0-2 g 5 = 0-5 g 10 = 0-10 g 20 = 0-20 g	P = Peak R = RMS	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)	1E = 2 Pin MIL C-5015 2E = Integral Cable 3E = Armor Jacket M12E = 4 Pin M12	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	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