

LP284-M12E Series

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



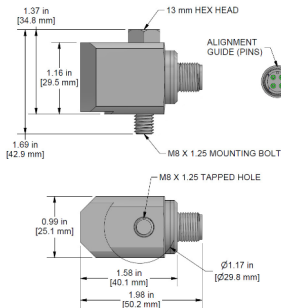
Product Features

4-20 mA Current Proportional to Vibration in Velocity

- ▶ Transmit Signals Over Long Distances with No Signal Loss
- ▶ Outputs to PLC, DCS, SCADA

LP284-XXX-M12E 4 Pin Connector

Connector Pin	Polarity
1	(+) Signal/Power
2	(-) Common
3	Not Used
4	Not Used



Built To Order

Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	LP284-M12E	M/LP284-M12E	<u>Physical</u>		
Tolerance: 4 mA		(± 10%)	Sensing Element		PZT Ceramic
Tolerance: 20 mA		(± 10%)	Sensing Structure		Shear Mode
<u>Electrical</u>					
Settling Time	<30 Seconds		Weight	5.8 oz	164 grams
Voltage Source (IEPE)	15-30 VDC		Case Material	316L Stainless Steel	
Case Isolation	>10 ⁸ ohm		Mounting Thread	1/4-28	
<u>Environmental</u>			Connector (Non-Integral)	4 Pin M12	
Operating Temperature Range	-4 to 212°F	-20 to 100°C	Mounting Torque	2 to 5 ft. lbs.	2,7 to 6,8 Nm
Electromagnetic Sensitivity	CE		Mounting Hardware Supplied	1/4-28 Captive Bolt	M6x1 Captive Bolt
Sealing	Welded, Hermetic				
Submersible Depth	200 ft.	30 m	Calibration Certificate		
			Current Output @ 100 Hz		

Ordering Information