

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



Product Features

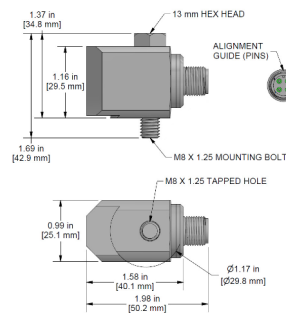
4-20 mA Current Proportional to Vibration in Velocity

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

LP284-XXX-M12E

4 Pin Connector

Connector Pin	Polarity
1	(+) Loop Power
2	(-) Loop Power Return
3	Not Used
4	Not Used



Built To Order

Specifications			Standard			Metric		
Part Number			LP284-M12E					
Tolerance: 4 mA			(± 10%)					
Tolerance: 20 mA			(± 10%)					
Electrical								
Settling Time			<30 Seconds					
Voltage Source			15-30 VDC					
Case Isolation			>10 ⁸ ohm					
Environmental								
Operating Temperature Range			-4 to 212°F			-20 to 100°C		
Electromagnetic Sensitivity			CE					
Sealing			Welded, Hermetic					
Submersible Depth			200 ft.			30 m		

Specifications		Standard		Metric	
Physical					
Sensing Element		PZT Ceramic			
Sensing Structure		Shear Mode			
Weight		5.8 oz		164 grams	
Case Material		316L Stainless Steel			
Mounting Thread		M8x1.25 Captive Bolt			
Connector (Non-Integral)		4 Pin M12			
Mounting Torque		2 to 5 ft. lbs.		2,7 to 6,8 Nm	
Mounting Hardware Supplied		M8x1.25 Captive Bolt			
Calibration Certificate		Current Output @ 100 Hz			

Ordering Information

	/LP284 -				-					/			/		
Bolt Type		Measurement Range		Type		Frequency Range $\pm 3\text{dB}$		Style		Armor Length (Integral)		Cable Length (Integral)			
Blank = M8x1.25		0 = 0-0.5 IPS (0-12.7 mm/sec) 1 = 0-1 IPS (0-25.4 mm/sec) 2 = 0-2 IPS (0-50.8 mm/sec) 3 = 0-0.4 IPS (0-10 mm/sec) 4 = 0-0.8 IPS (0-20 mm/sec) 6 = 0-5 IPS (0-127 mm/sec)		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															