

# LP284 Series



VIBRATION ANALYSIS HARDWARE

Loop Power Sensor, 4-20 mA Output Proportional to Vibration in Velocity, Side Exit 2 Pin Connector, M8x1.25 Captive Bolt



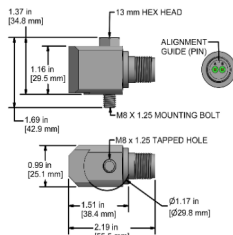
## Product Features

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-1E 2 Pin Connector

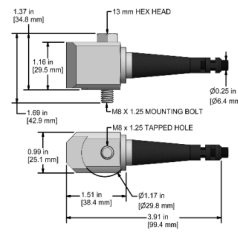
Connector Pin	Polarity
A	(+) Loop Power mA Output
B	(-) Common



Built To Order

### LP284-XXX-2E CB103 Integral Cable

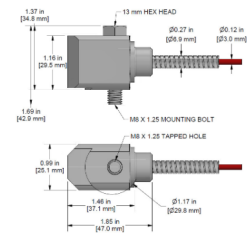
Conductor	Polarity
Red	(+) Loop Power mA Output
Black	(-) Common
Shield	Cable Drain Wire



Built To Order

### LP284-XXX-3E CB206 Armored Integral Cable

Conductor	Polarity
Red	(+) Loop Power mA Output
Black	(-) Common
Shield	Cable Drain Wire



Built To Order

Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	LP284	M/LP284	<u>Physical</u>		
Tolerance: 4 mA	(± 10%)		Sensing Element	PZT	
Tolerance: 20 mA	(± 10%)		Sensing Structure	Shear Mode	
<u>Electrical</u>			Weight	6.0 oz	170 grams
Settling Time	<30 Seconds		Case Material	316L Stainless Steel	
Voltage Source (IEPE)	15-30 VDC		Mounting Thread	M8 Captive Bolt	
Case Isolation	>10 <sup>8</sup> 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	M8 Captive Bolt	
Electromagnetic Sensitivity	CE		Calibration Certificate	Current Output @ 100 Hz	
Sealing	Welded, Hermetic				
Submersible Depth	200 ft.	60 m			

## Ordering Information

Integral Options