

LP304 Series

Loop Power Sensor, 4-20 mA Output Proportional to Vibration in Acceleration, Side Exit 2 Pin Connector



VIBRATION ANALYSIS HARDWARE



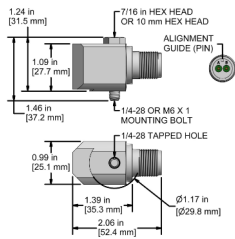
Product Features

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

LP304-XXX-1E 2 Pin Connector

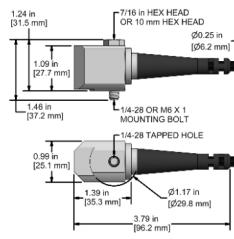
Connector Pin	Polarity
A	(+) Loop Power mA Output
B	(-) Common



Built To Order

LP304-XXX-2E CB105 Integral Cable

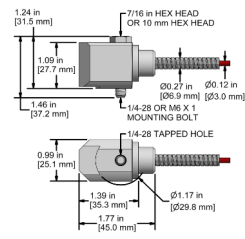
Conductor	Polarity
Red	(+) Loop Power mA Output
Black	(-) Common
Shield	Cable Drain Wire



Built To Order

LP304-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	LP304	M/LP304	<u>Physical</u>		
Tolerance: 4 mA	(± 10%)		Sensing Element	PZT	
Tolerance: 20 mA	(± 10%)		Sensing Structure	Shear Mode	
<u>Electrical</u>			Weight	4.9 oz	140 grams
Settling Time	<60 Seconds		Case Material	316L	
Voltage Source (IEPE)	15-30 VDC		Mounting Thread	Steel	
Case Isolation	>10 ⁸ ohm		Connector (Non-Integral)	1/4-28	
<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	Captive Bolt	Captive Bolt
Electromagnetic Sensitivity	CE		Calibration Certificate	Current Output @ 100 Hz	
Sealing	Welded, Hermetic				
Submersible Depth	200 ft.	60 m			

Ordering Information

Integral Options