LP832-XXX-5XC Series



Low Capacitance, Class I, Division 2 (ATEX Zone 2) Loop Power Sensor, 4-20 mA Output Proportional to Vibration in Velocity, Top Exit with Flying Leads





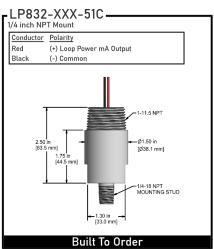


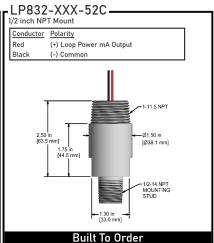
Product Features

Continuous Monitoring in Hazardous Locations

Velocity 4-20 mA Output for Applications in Hazardous Locations

- ▶ With 1 inch NPT fitting
- Non-Arcing, Non-Sparking Sensor for Class I, Division 2
- Enables Vibration Alarms for Process Control





Specifications	Standard	Metric	Specifications	Standard		Metric
Tolerance: 4 mA	(± 10%)		Physical			
Tolerance: 20 mA	(± 10%)		Sensing Element		PZT Ceramic	
Electrical			Sensing Structure		Shear Mode	
Settling Time	<60 Seconds		Weight	12 oz		340 g
Voltage Source (IEPE)	12-28 VDC		Case Material		316L Stainless Steel	
Case Isolation	>10 ⁸ ohm		Mounting		1/4 NPT (LP832-51C)	
<u>Environmental</u>			Mounting		1/2 NPT (LP832-52C)	
Temperature Range	-40 to 176°F	-40 to 80°C	Connector (Non-Integral)		Flying Leads	
Electromagnetic Sensitivity	CE		Mounting Torque	2 to 5 ft. lbs.		2,7 to 6,8 Nm
Sealing	Welded, Hermetic		Calibration Certificate		Current Output @ 100 Hz	