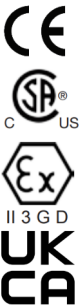


LP822-XXX-5XC Series

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

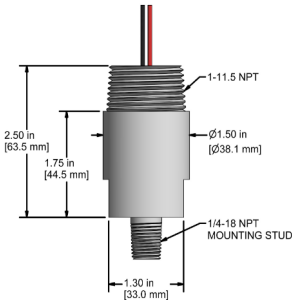


Product Features

- Continuous Monitoring in Hazardous Locations
- 4-20 mA Current Proportional to Vibration in Velocity
- ▶ Can be used with IS311-1B Explosion Proof Elbow
 - ▶ Transmit Signals Over Long Distances with No Signal Loss
 - ▶ Outputs to PLC, DCS, SCADA

LP822-XXX-51C
1/4 inch NPT Mount

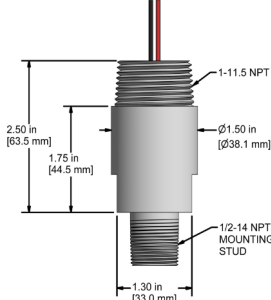
Conductor	Polarity
Red	(+) Loop Power mA Output
Black	(-) Common



Built To Order

LP822-XXX-52C
1/2 inch NPT Mount

Conductor	Polarity
Red	(+) Loop Power mA Output
Black	(-) Common



Built To Order

Specifications	Standard	Metric
Tolerance: 4 mA	(± 10%)	
Tolerance: 20 mA	(± 10%)	
Electrical		
Settling Time	<60 Seconds	
Voltage Source (IEPE)	12-28 VDC	
Case Isolation	>10 ⁸ ohm	
Environmental		
Operating Temperature Range	-4 to 176°F	-20 to 80°C
Electromagnetic Sensitivity	CE	
Sealing	Welded, Hermetic	

Specifications	Standard	Metric
Physical		
Sensing Element	PZT Ceramic	
Sensing Structure	Shear Mode	
Weight	12 oz	340 g
Case Material	316L Stainless Steel	
Mounting Thread	1/4 NPT (LP822-51C) 1/2 NPT (LP822-52C)	
Connector (Non-Integral)	Flying Leads	
Mounting Torque	2 to 5 ft. lbs.	2,7 to 6,8 Nm
Calibration Certificate	Current Output @ 100 Hz	

Ordering Information

LP -

Sensor Type	Measurement Range	Type	Frequency Range ±3dB	Style
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