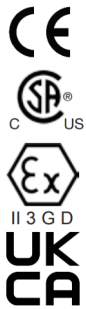


# LP822-XXX-5XC Series



VIBRATION ANALYSIS HARDWARE

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

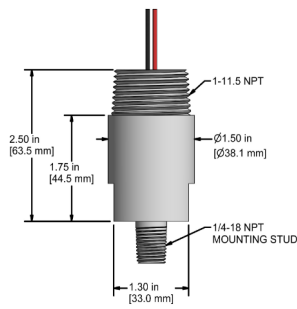
Continuous Monitoring in Hazardous Locations

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

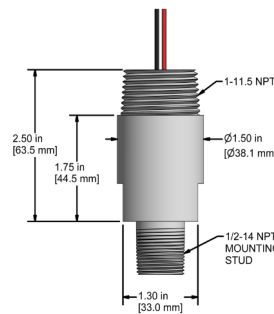
Conductor	Polarity
Red	(+) Loop Power mA Output
Black	(-) Common



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	Specifications	Standard	Metric
Tolerance: 4 mA	(± 10%)		<b>Physical</b>		
Tolerance: 20 mA	(± 10%)		Sensing Element	PZT Ceramic	
<b>Electrical</b>			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 <sup>8</sup> ohm		Mounting Thread	1/4 NPT (LP822-51C) 1/2 NPT (LP822-52C)	
<b>Environmental</b>			Connector (Non-Integral)	Flying Leads	
Operating Temperature Range	-4 to 176°F	-20 to 80°C	Mounting Torque	2 to 5 ft. lbs.	2,7 to 6,8 Nm
Electromagnetic Sensitivity	CE				
Sealing	Welded, Hermetic				

Calibration Certificate Current Output @ 100 Hz

## Ordering Information

LP    -    -

Sensor Type	Measurement Range	Type	Frequency Range ±3dB	Style