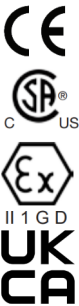


LP802-XXX-5XC Series

Intrinsically Safe Loop Power Sensor, 4-20 mA Output Proportional to Vibration in Velocity, Top Exit with Flying Leads

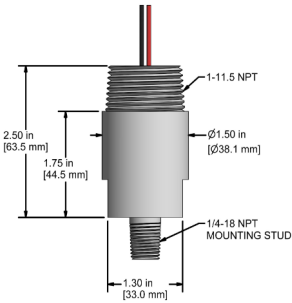


Product Features

- Continuous Monitoring in Hazardous Locations
- Velocity 4-20 mA Output for Applications in Hazardous Locations
 - ▶ CSA and ATEX Approvals
 - ▶ Intrinsic safe applications with use of barrier
 - ▶ With 1 inch NPT conduit fitting and Integral 1/4 - 18 NPT Mounting Stud

LP802-XXX-51C
1/4 inch NPT Mount

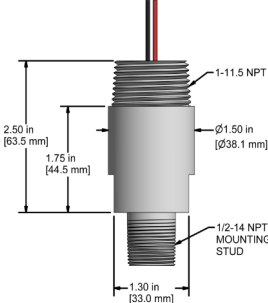
Conductor	Polarity
Red	(+) Loop Power mA Output
Black	(-) Common



Built To Order

LP802-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%)		<u>Physical</u>		
Tolerance: 20 mA	(± 10%)		Sensing Element	PZT Ceramic	
<u>Electrical</u>			Sensing Structure	Shear Mode	
Settling Time	< 60 Seconds		Weight	12 oz	340 grams
Voltage Source (IEPE)	12-28 VDC		Case Material	316L Stainless Steel	
Case Isolation	> 10 ⁸ ohm		Mounting Thread	1/4 NPT (LP802-51C)	
<u>Environmental</u>				1/2 NPT (LP802-52C)	
Operating Temperature Range	-4 to 176°F	-20 to 80°C		Connector (Non-Integral)	
Electromagnetic Sensitivity	CE		Flying Leads		
Sealing	IP68		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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