

LP962-XXX-5XC Series



VIBRATION ANALYSIS HARDWARE

Low Capacitance, Intrinsically Safe IEC Certified (IECEX) Loop Power Sensor, 4-20 mA Output Proportional to Vibration in Acceleration, Top Exit with Flying Leads



Product Features

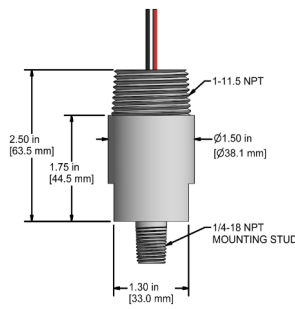
Continuous Monitoring in Hazardous Locations

Acceleration 4-20 mA Output for Applications in Hazardous Locations

- ▶ Can be used with IS311-1B Explosion Proof Elbow
- ▶ Requires Energy Limiting barriers
- ▶ IECEX Certification

LP962-XXX-51C 1/4 Inch NPT Mount

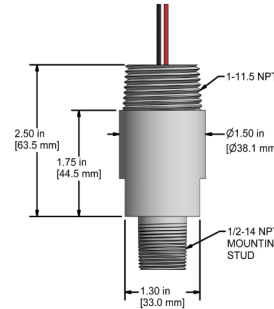
Conductor	Polarity
Red	(+) Loop Power mA Output
Black	(-) Common



Built To Order

LP962-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		Weight	12 oz	340 grams
	Seconds		Case Material	316L Stainless Steel	
Voltage Source (IEPE)	12-28 VDC		Mounting Thread	1/4 NPT (LP962-51C)	
Case Isolation	>10 ⁸ ohm			1/2 NPT (LP962-52C)	
<u>Environmental</u>			Connector (Non-Integral)	Flying Leads	
Operating Temperature Range	-40 to 176°F	-40 to 80°C	Mounting Torque	2 to 5 ft. lbs.	2,7 to 6,8 Nm
Electromagnetic Sensitivity	CE		Calibration Certificate	Current Output @ 100 Hz	
Sealing	Welded, Hermetic				

Ordering Information

LP [] [] [] - [] [] [] [] - [] [] [] []