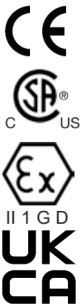


## LP912-XXX-5XC Series

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



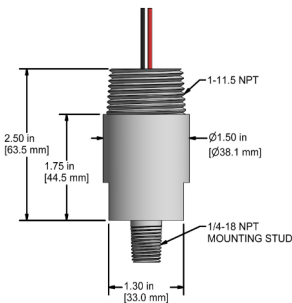
### Product Features

Continuous Monitoring in Hazardous Locations  
Acceleration 4-20 mA Output for Applications  
in Hazardous Locations

- ▶ Can be used with IS311-1B Explosion Proof Elbow
- ▶ Intrinsic safe applications with use of barrier
- ▶ Enables Vibration Alarms for Process Control

LP912-XXX-51C  
1/4 inch NPT Mount

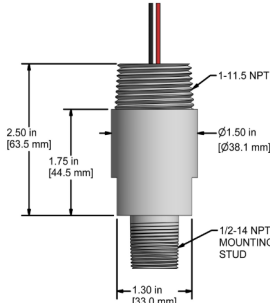
Conductor	Polarity
Red	(+) Loop Power mA Output
Black	(-) Common



Built To Order

LP912-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%)	
<b>Electrical</b>		
Settling Time	<60 Seconds	
Voltage Source (IEPE)	12-28 VDC	
Case Isolation	>10 <sup>8</sup> ohm	

<b>Environmental</b>		
Operating Temperature Range	-4 to 176°F	-20 to 80°C
Sealing	IP68	

Specifications	Standard	Metric
<b>Physical</b>		
Sensing Element	PZT Ceramic	
Sensing Structure	Shear Mode	
Weight	12 oz	340 grams
Case Material	316L Stainless Steel	
Mounting Thread	1/4 NPT (LP912-51C) 1/2 NPT (LP912-52C)	
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

-

-