

LP902-XXX-5XC Series



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

VIBRATION ANALYSIS HARDWARE



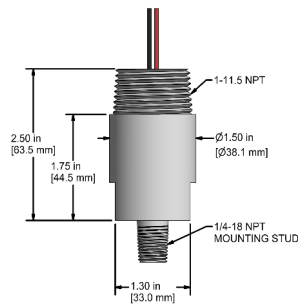
Product Features

- Continuous Monitoring in Hazardous Locations
- Acceleration 4-20 mA Output for Applications in Hazardous Locations
- ▶ CSA and ATEX Approvals
- ▶ Intrinsic safe applications with use of barrier
- ▶ Enables Vibration Alarms for Process Control

LP902-XXX-51C

1/4 inch NPT Mount

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

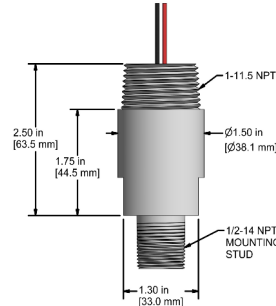


Built To Order

LP902-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%)	Physical		
Tolerance: 20 mA		(± 10%)	Sensing Element		PZT Ceramic
Electrical			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 ⁸ ohm		Mounting		1/4 NPT (LP902-51C) 1/2 NPT (LP902-52C)
Environmental			Connector (Non-Integral)		Flying Leads
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		IP68			

Backed by our Unconditional Lifetime Warranty

www.ctconline.com | sales@ctconline.com | 585-924-5900