

LP952 Series



Intrinsically Safe IEC Certified (IECEx) Loop Power Sensor, 4-20 mA Output Proportional to Vibration in Acceleration, Top Exit 2 Pin Connector

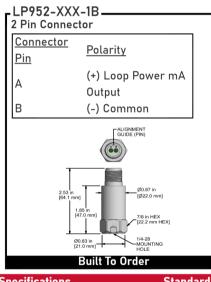
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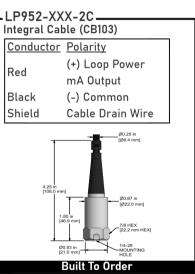


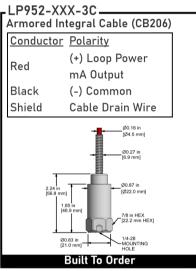
Product Features

Continuous Monitoring in Hazardous Locations 4-20 mA Current Proportional to Vibration in Acceleration

- ► Requires Energy Limiting Barriers such as
- Transmit Signals Over Long Distances with No Signal Loss
- ▶ Outputs to PLC, DCS, SCADA







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Specifications	Standard		Metric	Specifications	Standard		Metric
Part Number	LP952		M/ or M8/LP952	<u>Physical</u>		PZT	
Tolerance: 4 mA		(± 10%)	110,21,702	Sensing Element		Ceramic	
Tolerance: 20 mA		(± 10%)		Sensing Structure		Shear	
<u> Electrical</u>				Sensing Structure		Mode	
Settling Time		<60 Seconds		Weight	3.7 oz		105 grams
Voltage Source (IEPE)		12-28 VDC		Case Material		316L Stainless	
Case Isolation		>10 ⁸ ohm				Steel	
<u>Environmental</u>						1/4-28	
Operating Temperature Range	-4 to 176 °F		-20 to 80 °C	Mounting Thread		Blind	
Electromagnetic Sensitivity	Г	CE	C			Tapped Hole	
Sealing		Welded, Hermetic		Connector (Non-Integral)		2 Pin MIL- C-5015	
				Mounting Torque	2 to 5 ft. lbs.		2,7 to 6,8 Nm
				Mounting Hardware Supplied	1/4-28 Stud		M6x1 or M8x1.25 Adapter Stud
				Calibration Certificate		Current Output @ 100 Hz	