LP852-XXX-5XC Series

VIBRATION ANALYSIS HARDWARE

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

CE
IECEx
UK
CA

Product Features

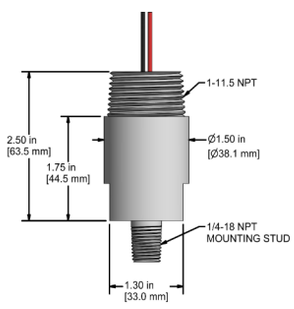
Continuous Monitoring in Hazardous Locations

Velocity 4-20 mA Output for Applications in Hazardous Locations

- Can be used with IS311-1B Explosion Proof Elbow
- Requires Energy Limiting Barriers
- IECEx Certification

LP852-XXX-51C
1/4 Inch NPT Mount

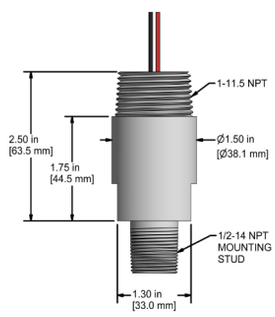
Conductor	Polarity
Red	(+) Loop Power mA Output
Black	(-) Common



Built To Order

LP852-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%)	
Electrical		
Settling Time	<60 Seconds	
Voltage Source (IEPE)	12-28 VDC	
Case Isolation	>10^8 ohm	
Environmental		
Operating Temperature Range	-4 to 176°F	-20 to 80°C
Electromagnetic Sensitivity	CE	
Sealing	Welded, Hermetic	

Specifications	Standard	Metric
Physical		
Sensing Element	PZT Ceramic	
Sensing Structure	Shear Mode	
Weight	12 oz	340 grams
Case Material	316L Stainless Steel	
Mounting Thread	1/4 NPT (LP852-51C) 1/2 NPT (LP852-52C)	
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

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