

LP852-XXX-5XC Series

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



Product Features

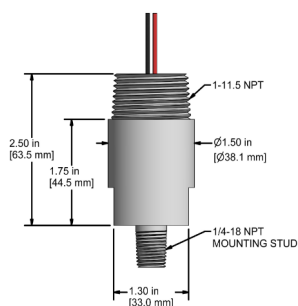
Continuous Monitoring in Hazardous Locations

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

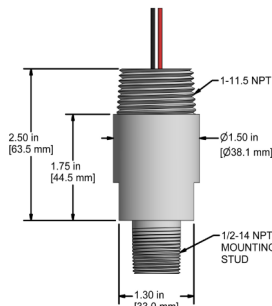
Conductor	Polarity
Red	(+) Loop Power mA Output
Black	(-) Common



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	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 grams
Voltage Source (IEPE)	12-28 VDC		Case Material	316L Stainless Steel	
Case Isolation	>10 ⁸ ohm		Mounting Thread	1/4 NPT (LP852-51C) 1/2 NPT (LP852-52C)	
Environmental			Connector (Non-Integral)	Flying Leads	
Operating Temperature Range	-4 to 176°F	-20 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