LP932 Series

Low Capacitance, Class I, Division 2 (ATEX Zone 2) Loop Power Sensor, 4-20 mA Output Proportional to Vibration in Acceleration, Top Exit 2 Pin Connector

VIBRATION ANALYSIS HARDWARE

II 3 G D

Product Features

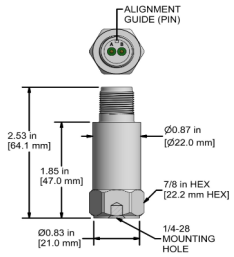
Continuous Monitoring in Hazardous Locations

Non-Arcing, Non-Sparking Sensor for Class I Div II

- Requires "Class I, Division 2" CB190 Cable and D2Q Connector or CB922 Series Cable Adapter or Integral Cable
- Non-Arcing, Non-Sparking Sensor for Class I, Division 2
- Protection for Hazardous Locations

LP932-XXX-1B
2 Pin Connector

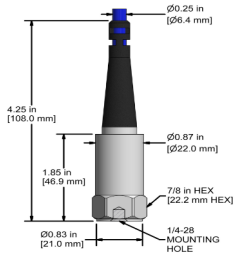
Connector Pin	Polarity
A	(+) Loop Power mA Output
B	(-) Common



Built To Order

LP932-XXX-2C
Integral Cable (CB190)

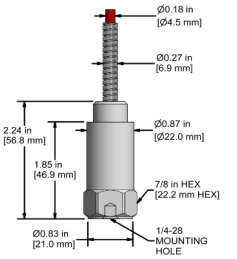
Conductor	Polarity
Red	(+) Loop Power mA Output
Black	(-) Common
Shield	Cable Drain Wire



Built To Order

LP932-XXX-3C
Armored Integral Cable (CB206)

Conductor	Polarity
Red	(+) Loop Power mA Output
Black	(-) Common
Shield	Cable Drain Body



Built To Order

Specifications	Standard	Metric
Part Number	LP932	M/LP932
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		
Temperature Range	-40 to 176°F	-40 to 80°C
Electromagnetic Sensitivity	CE	
Sealing	Welded, Hermetic	

Specifications	Standard	Metric
Physical		
Sensing Element	PZT Ceramic	
Sensing Structure	Shear Mode	
Weight	3.7 oz	105 grams
Case Material	316L Stainless Steel	
Mounting	1/4-28	
Connector (Non-Integral)	2 Pin MIL-C-5015	
Mounting Torque	2 to 5 ft. lbs.	2,7 to 6,8 Nm
Mounting Hardware	1/4-28 Stud	M6x1 Adapter Stud
Calibration Certificate	Current Output @ 100 Hz	

Ordering Information

□ /LP□□□ - □□ □ □ - □□□ / □□□ / □□□

Integral Options

Stud Type	Sensor Type	Measurement Range	Range Type	Frequency Range	Style	Armor Length (Integral)*	Cable Length (Integral)*
Blank = ¼-28 **M** = M6x1	**922** = 4-20 mA Acceleration Loop Power, Class I Div 2 **932** = 4-20 mA Acceleration Loop Power, Class I Div 2, Low Capacitance	**00** = 0-1 g **02** = 0-2 g **05** = 0-5 g **10** = 0-10 g **20** = 0-20 g	**P** = Peak **R** = RMS	**1** = 600-60000 CPM (10-1000 Hz) **2** = 180-150000 CPM (3-2500 Hz)	**1E** = 2 Pin MIL C-5015 **2E** = Integral Cable **3E** = Armor Jacket	**010** = 10 ft/3 m **020** = 20 ft/6 m **030** = 30 ft/9 m **050** = 50 ft/15 m **100** = 100 ft/30 m	**010** = 10 ft/3 m **020** = 20 ft/6 m **030** = 30 ft/9 m **050** = 50 ft/15 m **100** = 100 ft/30 m

Backed by our Unconditional Lifetime Warranty