

LP362 Series

Dual Output Loop Power Sensor, 4-20 mA Output Proportional to Vibration in Acceleration with °C Temperature Output, Top Exit 3 Pin Connector



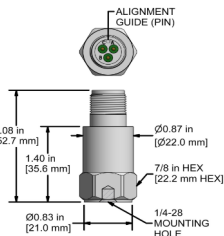
Product Features

4-20 mA Current Proportional to Vibration in Acceleration

- ▶ Peak and RMS Outputs Available
- ▶ Transmits Signals Over Long Distances with No Signal Loss
- ▶ Outputs to PLC, DCS, SCADA

LP362-XXX-1E
3 Pin Connector

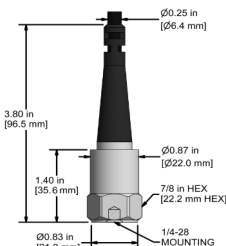
Connector Pin	Polarity
A	(+) Loop Power mA Output
B	(-) Common
C	(+) Temperature Voltage



Built To Order

LP362-XXX-2E
CB105 Molded Integral Cable

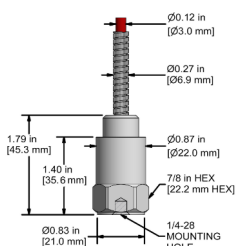
Conductor	Polarity
Red	(+) Loop Power mA Output
Black	(-) Common
White	(+) Temperature Voltage
Shield	Cable Drain Wire



Built To Order

LP362-XXX-3E
CB218 Armored Integral Cable

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



Built To Order

Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	LP362	M/ or M8/LP362	Physical		
		10 mV/°C	Sensing Element		PZT Ceramic
Temperature Output		within the range -40 to 85 °C	Sensing Structure		Shear Mode
Tolerance: 4 mA	(± 10%)		Weight	2.0 oz	86 grams
Tolerance: 20 mA	(± 10%)		Case Material		316L Stainless Steel
Tolerance: Temperature	(± 5°C)		Mounting Thread		1/4-28 Blind Tapped Hole
Electrical			Connector (Non-Integral)		3 Pin MIL-C-5015
Settling Time	<30 Seconds		Mounting Torque	2 to 5 ft. lbs.	2,7 to 6,8 Nm
Voltage Source (IEPE)	15-30 VDC		Mounting Hardware Supplied	1/4-28 Stud	M6x1 or M8x1.25 Adapter Stud
Case Isolation	>10 ⁸ ohm		Calibration Certificate		Current Output @ 100 Hz
Environmental					
Operating Temperature Range	-4 to 212 °F	-20 to 100 °C			
Electromagnetic Sensitivity	CE				
Sealing	Welded, Hermetic				
Submersible Depth	200 ft.	60 m			

Ordering Information