

LP262 Series

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



VIBRATION ANALYSIS HARDWARE



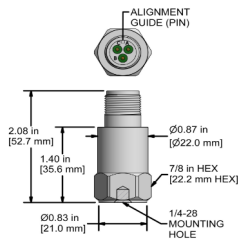
Product Features

4-20 mA Current Proportional to Vibration in Velocity

- ▶ Transmit Signals Over Long Distances with No Signal Loss
- ▶ Outputs to PLC, DCS, SCADA

LP262-XXX-1E 3 Pin Connector

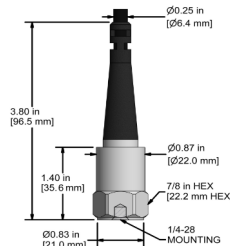
Connector Pin	Polarity
A	(+) Signal/Power
B	(-) Common
C	(+) Temperature Voltage



Built To Order

LP262-XXX-2E CB105 Integral Cable

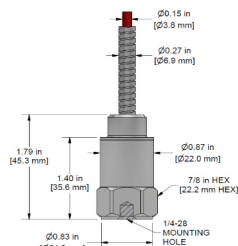
Conductor	Polarity
Red	(+) Signal/Power
Black	(-) Common
White	(+) Temperature Voltage
Shield	Cable Drain Wire



Built To Order

LP262-XXX-3E CB218 Amored Integral Cable

Conductor	Polarity
Red	(+) Signal/Power
Black	(-) Common
White	(+) Temperature Voltage
Shield	Cable Drain Wire



Built To Order

Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	LP262	M/ or M8/LP262	<u>Physical</u>		
Temperature Output	10 mV/°C within the range -40 to 85 °C		Sensing Element	PZT Ceramic	
Tolerance: 4 mA	(± 10%)		Sensing Structure	Shear Mode	
Tolerance: 20 mA	(± 10%)		Weight	3.0 oz	86 grams
Tolerance: Temperature	(± 5°C)		Case Material	316L Stainless Steel	
<u>Electrical</u>			Mounting Thread	1/4-28 Blind Tapped Hole	
Settling Time	<30 Seconds		Connector (Non-Integral)	3 Pin MIL-C-5015	
Voltage Source (IEPE)	15-30 VDC		Mounting Torque	2 to 5 ft. lbs.	2,7 to 6,8 Nm
Case Isolation	>10 ⁸ ohm		Mounting Hardware Supplied	1/4-28 Stud	M6x1 or M8x1.25 Adapter Stud
<u>Environmental</u>			Submersible Depth	200 ft.	60 m
Operating Temperature Range	-4 to 212 °F	-20 to 100 °C	Sealing	Welded, Hermetic	
Calibration Certificate			Current Output @ 100 Hz		

Ordering Information