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

CE

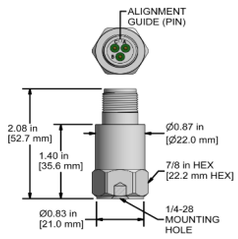
Product Features

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

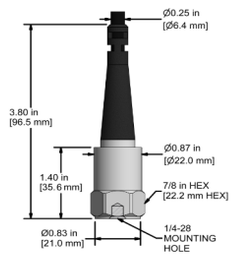
Connector Pin	Polarity
A	(+) Signal/Power
B	(-) Common
C	(+) Temperature Voltage



Built To Order

LP262-XXX-2E
CB105 Integral Cable

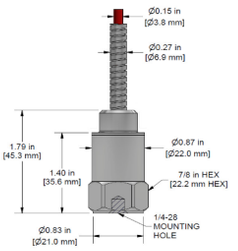
Conductor	Polarity
Red	(+) Signal/Power
Black	(-) Common
White	(+) Temperature Voltage
Shield	Cable Drain Wire



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
Part Number	LP262	M/ or M8/LP262
Temperature Output	10 mV/°C within the range -40 to 85 °C	
Tolerance: 4 mA	(± 10%)	
Tolerance: 20 mA	(± 10%)	
Tolerance: Temperature	(± 5°C)	
Electrical		
Settling Time	<30 Seconds	
Voltage Source (IEPE)	15-30 VDC	
Case Isolation	>10^8 ohm	
Environmental		
Operating Temperature Range	-4 to 212 °F	-20 to 100 °C
Sealing	Welded, Hermetic	
Submersible Depth	200 ft.	60 m

Specifications	Standard	Metric
Physical		
Sensing Element	PZT Ceramic	
Sensing Structure	Shear Mode	
Weight	3.0 oz	86 grams
Case Material	316L Stainless Steel	
Mounting Thread	1/4-28 Blind Tapped Hole	
Connector (Non-Integral)	3 Pin MIL-C-5015	
Mounting Torque	2 to 5 ft. lbs.	2,7 to 6,8 Nm
Mounting Hardware Supplied	1/4-28 Stud	M6x1 or M8x1.25 Adapter Stud
Calibration Certificate	Current Output @ 100 Hz	

Ordering Information