

LP262 Series

Loop Power Sensor, Velocity, 4-20 mA Output, with °C Temperature Output, Top Exit



PROTECTION & RELIABILITY INSTRUMENTS



Product Features

Continuously Monitor & Protect Important Machinery

- ▶ 4-20 mA current proportional to Vibration
- ▶ Transmit Signals Over Long Distances with No Signal Loss
- ▶ Customize Your Settings to Focus on the Most Important Frequencies

LP262-XXX-1E

3 Pin Connector

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

Built To Order

LP262-XXX-2E

Integral Cable

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

Built To Order

LP262-XXX-3E

Armored 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		Physical		
Temperature Output	10 mV/°C		Sensing Element	PZT Ceramic	
	within the range -40°C to 85°C		Sensing Structure	Shear Mode	
Tolerance: 4 mA	(± 5%)		Weight	3.0 oz	86 grams
Tolerance: 20 mA	(± 10%)		Case Material	316L Stainless Steel	
Tolerance: Temperature	(± 5°C)		Mounting	1/4-28	
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	1/4-28 Stud	M6x1 Adapter Stud
Case Isolation	>10 ⁸ ohm		Calibration Certificate	Current Output @ 100 Hz	
Environmental					
Temperature Range	-40 to 185°F	-40 to 85°C			
Sealing	Welded, Hermetic				
Submersible Depth	200 ft.	60 m			

Ordering Information

<input type="checkbox"/> /LP262 - <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Stud Type Blank = 1/4-28 M = M8x1	Measurement Range 0 = 0-0.5 IPS (0-12.7 mm/sec) 1 = 0-1 IPS (0-25.4 mm/sec) 2 = 0-2 IPS (0-50.8 mm/sec) 3 = 0-0.4 IPS (0-10 mm/sec) 4 = 0-0.8 IPS (0-20 mm/sec) 6 = 0-5 IPS (0-127 mm/sec)	Range Type P = Peak R = RMS	Frequency Range ±3dB 1 = 600-60000 CPM (10-1000 Hz) 2 = 180-150000 CPM (3-2500 Hz) 3 = 180-60000 CPM (3-1000 Hz) 4 = 180-300000 CPM (3-5000 Hz) 5 = 180-600000 CPM (3-10000 Hz)	Style 1E = 2 Pin MIL C-5015 2E = Integral Cable 3E = Armor Jacket	Integral Options			
					Armor Length* (Integral) 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	Cable Length* (Integral) 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		
*Custom Lengths Available Upon Request								

Lifetime Warranty on Materials & Workmanship
www.ctconline.com | sales@ctconline.com | 585-924-5900