

LP362 Series



VIBRATION ANALYSIS HARDWARE

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

Acceleration Output for Higher Frequency Applications

- ▶ Peak and RMS Outputs Available
- ▶ Enables Vibration Alarms for Process Control
- ▶ Outputs to PLC, DCS, SCADA

Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	LP362		Physical		
Temperature Output	10 mV/°C within the range -40°C to 85°C		Sensing Element	PZT Ceramic	
Tolerance: 4 mA	(± 10%)		Sensing Structure	Shear Mode	
Tolerance: 20 mA	(± 10%)		Weight	2.0 oz	86 grams
Tolerance: Temperature	(± 5°C)		Case Material	316L Stainless Steel	
Electrical			Mounting	1/4-28	
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	1/4-28 Stud	M6x1 Adapter Stud
Environmental			Calibration Certificate	Current Output @ 100 Hz	
Temperature Range	-40 to 212°F	-40 to 100°C			
Electromagnetic Sensitivity	CE				
Sealing	Welded, Hermetic				
Submersible Depth	200 ft.	60 m			

Ordering Information

Integral Options	
Armor Length (Integral)	Cable Length (Integral)
010 = 10 ft/3 m	010 = 10 ft/3 m
020 = 20 ft/6 m	020 = 20 ft/6 m
030 = 30 ft/9 m	030 = 30 ft/9 m
050 = 50 ft/15 m	050 = 50 ft/15 m
100 = 100 ft/30 m	100 = 100 ft/30 m

*Custom Lengths Available Upon Request

Stud Type	Measurement Range	Type	Frequency Range ±3dB	Style
Blank = 1/4-28 M = M6x1	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) 3 = 180-60000 CPM (3-1000 Hz) 4 = 180-300000 CPM (3-5000 Hz)	1E = 2 Pin MIL C-5015 2E = Integral Cable 3E = Armor Jacket

Backed by our Unconditional Lifetime Warranty

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