LP364 Series

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

VIBRATION ANALYSIS HARDWARE

Product Features

Acceleration Output for Higher Frequency Applications

- Peak and RMS Outputs Available
- Vibrational Alarms for Process Control
- Outputs to PLC, DCS, SCADA

Specifications	Standard	Metric
Part Number	LP364	
Temperature Output	10 mV/°C within the range -40°C 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		
Temperature Range	-40 to 212°F	-40 to 100°C
Electromagnetic Sensitivity	CE	
Sealing	Welded, Hermetic	
Submersible Depth	200 ft.	60 m

Specifications	Standard	Metric
Physical		
Sensing Element	PZT Ceramic	
Sensing Structure	Shear Mode	
Weight	4.9 oz	140 grams
Case Material	316L Stainless Steel	
Mounting	1/4-28	
Connector (Non-Integral)	3 Pin MIL-C-5015	
Mounting Torque	2 to 5 ft. lbs.	2,7 to 6,8 Nm
Mounting Hardware	1/4-28 Captive Bolt	M6x1 Captive Bolt
Calibration Certificate	Current Output @ 100 Hz	

Ordering Information

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Stud Type	Measurement Range	Type	Frequency Range ±3dB	Style
Blank = ¼-28 **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

Integral Options

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Armor Length (Integral)	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	**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

Backed by our Unconditional Lifetime Warranty

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