

LP264 Series

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



PROTECTION & RELIABILITY INSTRUMENTS



Product Features

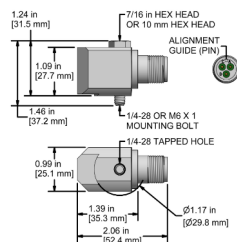
Continuously Monitor & Protect Important Machinery with 4-20 and Temperature Outputs

- ▶ 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

LP264-XXX-1E

3 Pin Connector

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

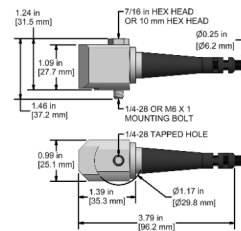


Built To Order

LP264-XXX-2E

Integral Cable

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

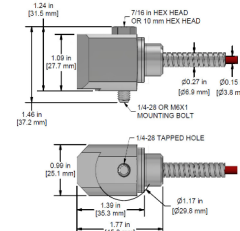


Built To Order

LP264-XXX-3E

Armored Integral Cable

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



Built To Order

Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	LP264		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	4.9 oz	140 grams
Tolerance: 20 mA	(± 20%)		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 Captive Bolt	M6x1 Captive Bolt
Case Isolation	>10 ⁸ ohm		Calibration Certificate	Current Output @ 100 Hz	
Environmental					
Temperature Range	-40 to 212°F	-40 to 100°C			
Electromagnetic Sensitivity	CE				
Sealing	Welded, Hermetic				
Submersible Depth	200 ft.	60 m			

Ordering Information

Stud Type	Measurement Range	Range Type	Frequency Range ±3dB	Style	Integral Options	
Blank = 1/4-28 M = M8x1	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)	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) 5 = 180-600000 CPM (3-10000 Hz)	1E = 2 Pin MIL C-5015 2E = Integral Cable 3E = Armor Jacket	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						

Lifetime Warranty on Materials & Workmanship
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