

LP264 Series



VIBRATION ANALYSIS HARDWARE

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



Product Features

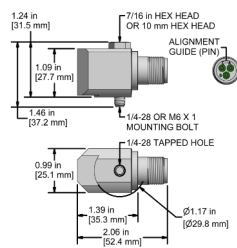
4-20 mA Current Proportional to Vibration in Velocity

- ▶ Transmit Signals Over Long Distances with No Signal Loss
- ▶ Outputs to PLC, DCS, SCADA

LP264-XXX-1E

3 Pin Connector

Connector Pin	Polarity
A	(+) Loop Power mA Output
B	(-) Common
C	(+) Temperature Voltage

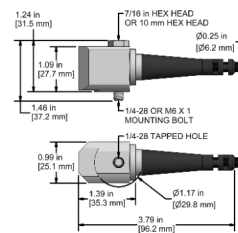


Built To Order

LP264-XXX-2E

CB105 Molded Integral Cable

Conductor	Polarity
Red	(+) Loop Power mA Output
Black	(-) Common
White	(+) Temperature Voltage
Shield	Cable Drain Wire

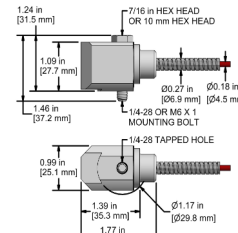


Built To Order

LP264-XXX-3E

CB218 Armored Integral Cable

Conductor	Polarity
Red	(+) Loop Power mA Output
Black	(-) Common
White	(+) Temperature Voltage
Shield	Cable Drain Wire



Built To Order

Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	LP264	M/LP264	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	(± 20%)		Weight	4.9 oz	140 grams
Tolerance: Temperature	(± 5°C)		Case Material	316L Stainless Steel	
Electrical			Mounting Thread	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 Supplied	1/4-28 Captive Bolt	M6x1 Captive Bolt
Environmental			Calibration Certificate	Current Output @ 100 Hz	
Operating Temperature Range	-4 to 212°F	-20 to 100°C			
Electromagnetic Sensitivity	CE				
Sealing	Welded, Hermetic				
Submersible Depth	200 ft.	60 m			

Ordering Information

Integral Options

□	/LP264 - □	□	□	-	□□	/ □□□	/ □□□
Bolt Type Blank = 1/4-28 M = M6x1	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)	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	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