

Premium Loop Power Sensor, 4-20 mA Output Proportional to Vibration in Acceleration, Side Exit 2 Pin Connector



Product Features

New 2nd-Order Filters Deliver Sharper Response and Greater Stopband Attenuation for Cleaner Measurements

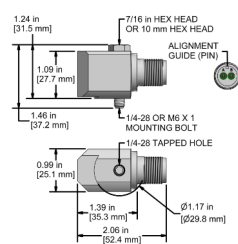
**Enhanced Temperature Range of -40 to 257 °F
(-40 to 125 °C)**

- ▶ Capable of a 2 Hz Low Frequency Response
- ▶ New Measurement Ranges of 0 to 0.25 g & 0 to 0.5 g

-LP604-XXX-1A

2 Pin Connector

<u>Connector</u>	<u>Polarity</u>
<u>Pin</u>	
A	(+) Loop Power
B	(-) Loop Power
	Return

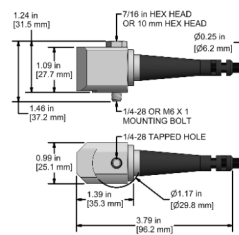


Built To Order

-LP604-XXX-2A

CB103 Integral Cable

Conductor	Polarity
Red	(+) Loop Power
Black	(-) Loop Power Return
Shield	Cable Drain Wire

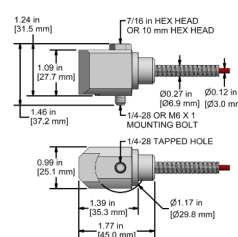


Built To Order

LP604-XXX-3A

CB206 Armored Integral Cable

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



Built To Order

Specifications			Standard			Metric		
Part Number			LP604			M/LP604		
Tolerance: 4 mA			(± 10%)					
Tolerance: 20 mA			(± 10%)					
Electrical								
Settling Time			<30 Seconds					
Voltage Source			15-30 VDC					
Case Isolation			>10 ⁸ ohm					
Environmental								
Operating Temperature Range			-40 to 257 °F			-40 to 125 °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 Thread	1/4-28				
Connector (Non-Integral)	2 Pin MIL-C-5015				
Mounting Torque	2 to 5 ft. lbs.			2.7 to 6.8 Nm	
Mounting Hardware Supplied	1/4-28 Captive Bolt			M6x1 Captive Bolt	
Calibration Certificate	Current Output @ 100 Hz				

Ordering Information

							
Bolt Type Blank = ¼-28 M = M6x1	Measurement Range 0 = 0-0.25 g 1 = 0-0.5 g 2 = 0-1 g 3 = 0-2 g 4 = 0-5 g 5 = 0-10 g 6 = 0-20 g	Type P = Peak R = RMS	Frequency Range ±3dB 1 = 600-60000 CPM (10-1000 Hz) 2 = 120-150000 CPM (2-2500 Hz) 3 = 120-60000 CPM (2-1000 Hz) 4 = 120-300000 CPM (2-5000 Hz) 5 = 120-600000 CPM (2-10000 Hz)	Style 1A = 2 Pin MIL C-5015 2A = Integral Cable 3A = Armor Jacket M12A = 4 Pin M12	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							