

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



Product Features

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

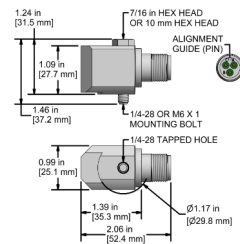
Enhanced Temperature Range of -40 to 257 °F (-40 to 125 °C), and Other Improved Specs Including:

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

-LP664-XXX-1A

3 Pin Connector

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

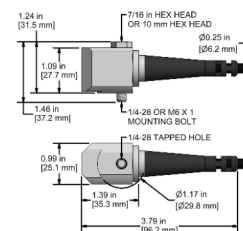


Built To Order

-LP664-XXX-2A

CB105 Molded Integral Cable

<u>Conductor</u>	<u>Polarity</u>
Red	(+) Loop Power
Black	(-) Loop Power Return
White	(+) Temperature Voltage
Shield	Cable Drain Wire

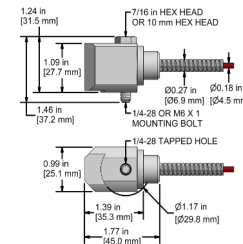


Built To Order

LP664-XXX-3A

CB218 Armored Integral Cable

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



Built To Order

Specifications		Standard	Metric	Specifications		Standard	Metric
Part Number		LP664	M/LP664	<u>Physical</u>			
Temperature Output		10 mV/°C		Sensing Element		PZT Ceramic	
		within the range -40 to 85 °C		Sensing Structure		Shear Mode	
Tolerance: 4 mA		(± 10%)		Weight		4.9 oz	140 grams
Tolerance: 20 mA		(± 10%)		Case Material		316L Stainless Steel	
Tolerance: Temperature		(± 5 °C)		Mounting Thread		1/4-28	
<u>Electrical</u>				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		15-30 VDC		Mounting Hardware Supplied		1/4-28 Captive Bolt	M6x1 Captive Bolt
Case Isolation		>10 ⁸ ohm		Calibration Certificate		Current Output @ 100 Hz	
<u>Environmental</u>							
Operating Temperature Range		-40 to 257 °F	-40 to 125 °C				
Electromagnetic Sensitivity		CE					
Sealing		Welded, Hermetic					
Submersible Depth		200 ft.	60 m				

Ordering Information

/LP664 -		-		/		/	
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 = 3 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							

www.ctconline.com | sales@ctconline.com | 585-924-5900