

LP662 Series



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



Product Features

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

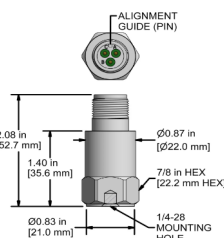
Enhanced Temperature Range of -40 to 257 °F
(-40 to 125 °C), and Other Improved Specs Including:

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

-LP662-XXX-1A

3 Pin Connector

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

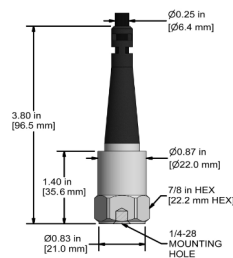


Built To Order

-LP662-XXX-2A

CB105 Molded Integral Cable

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

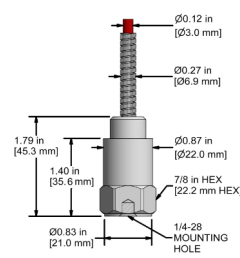


Built To Order

-LP662-XXX-3A

CB218 Armored 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

Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	LP662	M/ or M8/LP662	Physical		
Temperature Output	10 mV/°C within the range -40 to 85 °C		Sensing Element	PZT Ceramic	
Tolerance: 4 mA	(± 10%)		Sensing Structure	Shear Mode	
Tolerance: 20 mA	(± 10%)		Weight	2.0 oz	86 grams
Tolerance: Temperature	(± 5 °C)		Case Material	316L Stainless Steel	
Electrical			Mounting Thread	1/4-28 Blind Tapped Hole	
Settling Time	<30 Seconds		Connector (Non-Integral)	3 Pin MIL-C-5015	
Voltage Source	15-30 VDC		Mounting Torque	2 to 5 ft. lbs.	2,7 to 6,8 Nm
Case Isolation	>10 ⁹ ohm		Mounting Hardware Supplied	1/4-28 Stud	M6x1 or M8x1.25 Adapter Stud
Environmental			Calibration Certificate	Current Output @ 100 Hz	
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

/LP662 -					/	/	
Stud Type Blank = ¼-28 M = M6x1 M8 = M8x1.25	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	