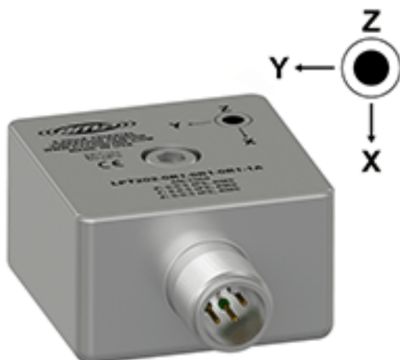


LPT202 Series

Loop Power Triaxial Sensor, 4-20 mA Output Proportional to Vibration in Velocity, Side Exit 6 Pin Connector



Product Features

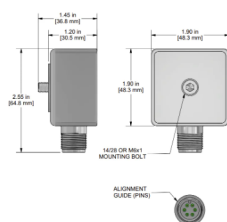
Continuously Monitor & Protect Important Machinery

- ▶ 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

LPT202-XXX-1A

6 Pin Connector

Connector Pin	Polarity
1 (Axis Y)	(+) Loop Power
2 (Axis X)	(+) Loop Power
3 (Axis Z)	(+) Loop Power
4 (Axis Y)	(-) Loop Power
5 (Axis Z)	Return
6 (Axis X)	Return

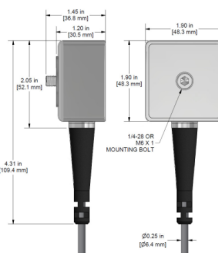


Built To Order

LPT202-XXX-2A

CB123 Integral Cable

Connector Pin	Polarity
Red (Axis Y)	(+) Loop Power
Green (Axis X)	(+) Loop Power
White (Axis Z)	(+) Loop Power
Black (Axis Y)	(-) Loop Power
Blue (Axis Z)	Return
Brown (Axis X)	Return

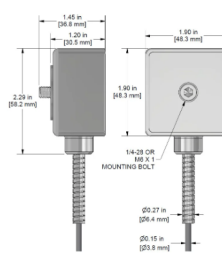


Built To Order

LPT202-XXX-3A

CB629 Armored Integral Cable

Connector Pin	Polarity
Red (Axis Y)	(+) Loop Power
Green (Axis X)	(+) Loop Power
White (Axis Z)	(+) Loop Power
Black (Axis Y)	(-) Loop Power
Blue (Axis Z)	Return
Brown (Axis X)	Return



Built To Order

Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	LPT202	M/LPT202	Physical		
Sensitivity ($\pm 10\%$)	$\pm 10\%$		Sensing Element	PZT Ceramic	
Tolerance: 4 mA	$\pm 10\%$		Sensing Structure	Shear Mode	
Tolerance: 20 mA	$\pm 10\%$		Weight	13.4 oz	380 grams
Electrical			Case Material	316L Stainless Steel	
Settling Time	<30 Seconds		Mounting Thread	1/4-28	
Voltage Source	15-30 VDC		Connector (Non-Integral)	6 Pin Connector	
Case Isolation	>10 ⁸ ohm		Mounting Torque	2 to 5 ft. lbs.	2.7 to 6.8 Nm
Environmental			Mounting Hardware Supplied	1/4-28 Captive Bolt	M6x1 Captive Bolt
Operating Temperature Range	-4 to 212 °F	-20 to 100 °C	Calibration Certificate	Current Output @ 100 Hz	
Electromagnetic Sensitivity	CE				
Sealing	Welded, Hermetic				
Submersible Depth	200 ft.	60 m			

Ordering Information

☐ /LPT202 - ☐	☐	☐	☐	☐	☐	☐	☐
Stud Type	Measurement Range	Type	Frequency Range $\pm 3\text{dB}$	Style	Armor Length (Integral)	Cable Length (Integral)	
Blank = 1/4-28 M = M6x1	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)	1A = 6 Pin Connector 2A = Integral Cable 3A = Armor Jacket	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							