

LPT302 Series

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



Product Features

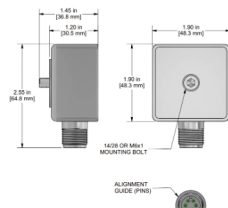
Continuously Monitor & Protect Important Machinery

- ▶ 4-20 mA current proportional to Vibration in Acceleration
- ▶ Transmit Signals Over Long Distances with No Signal Loss
- ▶ Customize Your Settings to Focus on the Most Important Frequencies

LPT302-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 Return
5 (Axis Z)	(-) Loop Power Return
6 (Axis X)	(-) Loop Power Return

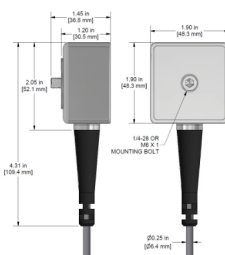


Built To Order

LPT302-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 Return
Blue (Axis Z)	(-) Loop Power Return
Brown (Axis X)	(-) Loop Power Return

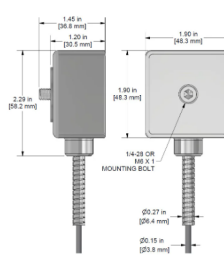


Built To Order

LPT302-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 Return
Blue (Axis Z)	(-) Loop Power Return
Brown (Axis X)	(-) Loop Power Return



Built To Order

Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	LPT302	M/LPT302	Physical		
Tolerance: 4 mA		(± 10%)	Sensing Element		PZT Ceramic
Tolerance: 20 mA		(± 10%)	Sensing Structure		Shear Mode
Electrical			Weight	13.4 oz	380 grams
Settling Time	<30 Seconds		Case Material		316L Stainless Steel
Voltage Source	15-30 VDC		Mounting Thread		1/4-28
Case Isolation	>10 ⁸ ohm		Connector (Non-Integral)		6 Pin Connector
Environmental			Mounting Torque	2 to 5 ft. lbs.	2,7 to 6,8 Nm
Operating Temperature Range	-4 to 212 °F	-20 to 100 °C	Mounting Hardware Supplied	1/4-28 Captive Bolt	M6x1 Captive Bolt
Electromagnetic Sensitivity		CE	Calibration Certificate		Current Output @ 100 Hz
Sealing		Welded, Hermetic			
Submersible Depth	200 ft.	60 m			

Ordering Information

Ordering Information					Integral Options	
/LPT302 -					/ /	
Stud Type	Measurement Range	Type	Frequency Range ±3dB	Style	Armor Length (Integral)	Cable Length (Integral)
Blank = ¼-28 M = M6x1	0 = 0-1 g 2 = 0-2 g 5 = 0-5 g 10 = 0-10 g 20 = 0-20 g	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						