

LPT302 Series

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



Product Features

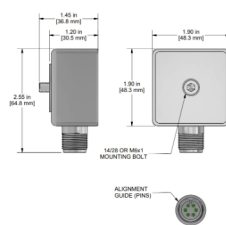
Continuously Monitor & Protect Important Machinery

- ▶ 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
5 (Axis Z)	(-) Loop Power
6 (Axis X)	(-) Loop Power

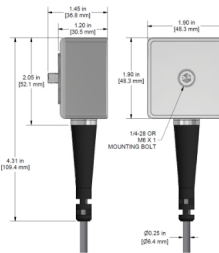


Built To Order

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

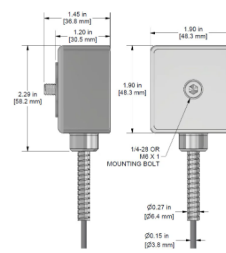


Built To Order

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



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 ⁶ 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

/LPT302 -						Integral Options / /	
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