

LP302 Series

Loop Power Sensor, Acceleration, 4-20 mA Output, Top Exit Connector/Cable



Product Features

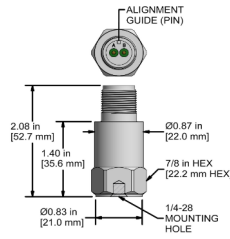
Acceleration Output for Higher Frequency Applications

- ▶ Peak and RMS Outputs Available
- ▶ Vibrational Alarms for Process Control
- ▶ Outputs to PLC, DCS, SCADA

LP302-XXX-1E

2 Pin Connector

Connector Pin	Polarity
A	(+) Signal/Power
B	(-) Common

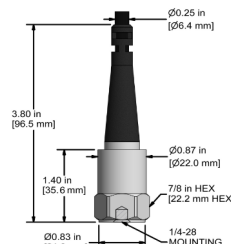


Built To Order

LP302-XXX-2E

Integral Cable

Conductor	Polarity
Red	(+) Signal/Power
Black	(-) Common
Shield	Cable Drain Wire



Built To Order

LP302-XXX-3E

Armored Integral Cable

Conductor	Polarity
Red	(+) Signal/Power
Black	(-) Common
Shield	Cable Drain Wire



Built To Order

Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	LP302	M/LP302	Physical		
Tolerance: 4 mA		(± 5%)	Sensing Element		PZT Ceramic
Tolerance: 20 mA		(± 10%)	Sensing Structure		Shear Mode
Electrical			Weight	3.0 oz	86 grams
Settling Time		<30 Seconds	Case Material		316L Stainless Steel
Voltage Source (IEPE)		15-30 VDC	Mounting		1/4-28
Case Isolation		>10 ⁸ ohm	Connector (Non-Integral)		2 Pin MIL-C-5015
Environmental			Mounting Torque	2 to 5 ft. lbs.	2,7 to 6,8 Nm
Temperature Range	-40 to 185°F	-40 to 85°C	Mounting Hardware	1/4-28 Stud	M6x1 Adapter Stud
Electromagnetic Sensitivity		CE	Calibration Certificate		Current Output @ 100 Hz
Sealing		Welded, Hermetic			
Submersible Depth	200 ft.	60 m			

Lifetime Warranty on Materials & Workmanship
www.ctconline.com | sales@ctconline.com | 585-924-5900