

LP401 Series

Dual Output Sensor, Loop Power, 4-20 mA, Velocity, Dynamic Velocity



PROTECTION & RELIABILITY INSTRUMENTS



Product Features

Offers Continuous Protection Plus Dynamic Outputs for Diagnostics

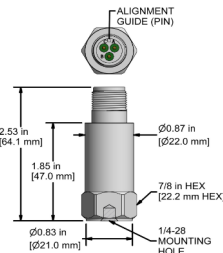
IEPE Sensor Power Not Required

- ▶ 4-20 mA Velocity and Dynamic Velocity Outputs
- ▶ Analytical Tool
- ▶ Outputs to PLC, DCS, SCADA

LP401-XXX-1B

3 Pin Connector

Connector Pin	Polarity
A	(+) Loop Power mA Output
B	(-) Common
C	(+) Dynamic Velocity Output

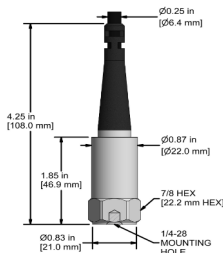


Built To Order

LP401-XXX-2C

Integral Cable

Conductor	Polarity
Red	(+) Loop Power mA Output
Black	(-) Common
White	(+) Dynamic Velocity Output
Shield	Cable Drain Wire

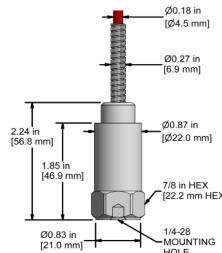


Built To Order

LP401-XXX-3C

Armored Integral Cable

Conductor	Polarity
Red	(+) Loop Power mA Output
Black	(-) Common
White	(+) Dynamic Velocity Output
Shield	Cable Drain Wire



Built To Order

Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	LP401	M/LP401	Physical		
Tolerance: 4 mA		(± 5%)	Sensing Element	PZT Ceramic	
Tolerance: 20 mA		(± 10%)	Sensing Structure	Shear Mode	
Electrical			Weight	3.7 oz	105 grams
Settling Time	<60 Seconds		Case Material	316L Stainless Steel	
Voltage Source (IEPE)	12-28 VDC		Mounting	1/4-28	
Case Isolation	>10 ⁸ ohm		Connector (Non-Integral)	3 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	CA10	
Sealing	Welded, Hermetic				
Submersible Depth	200 ft.	60 m			

Lifetime Warranty on Materials & Workmanship

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