LP302 Series



Loop Power Sensor, 4-20 mA Output Proportional to Vibration in Acceleration, Top Exit 2 Pin Connector

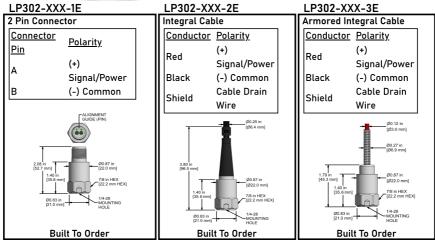
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Product Features

Acceleration Output for Higher Frequency Applications

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



Specifications	Standard		Metric	Specifications	Standard	Metric
Part Number	LP302		M/LP302	<u>Physical</u>		
Tolerance: 4 mA		(± 10%)		Sensing Element	PZT Ceramic	
Tolerance: 20 mA		(± 10%)		Sensing Structure	Shear Mode	
<u>Electrical</u>				Weight	3.0 oz	86 grams
Settling Time		<30 Seconds			316L	
Voltage Source (IEPE)		15-30 VDC		Case Material	Stainless	
Case Isolation		>10 ⁸ ohm			Steel	
<u>Environmental</u>				Mounting	1/4-28	
Temperature Range	-40 to		-40 to Cont	Connector (Non-Integral)	2 Pin MIL-C-	
	212°F		100°C		5015	
Electromagnetic Sensitivity		CE		Mounting Torque	2 to 5 ft.	2,7 to 6,8
Sealing		Welded,		Mounting for que	lbs.	Nm
Seating	He 200 ft.	Hermetic			1/4-28	M6x1
Submersible Depth			60 m	Mounting Hardware	Stud	Adapter
					Stud	Stud
					Current	
				Calibration Certificate	Output @ 100	
					Hz	
Ordering Information						

