

LP404 Series

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



PROTECTION & RELIABILITY INSTRUMENTS



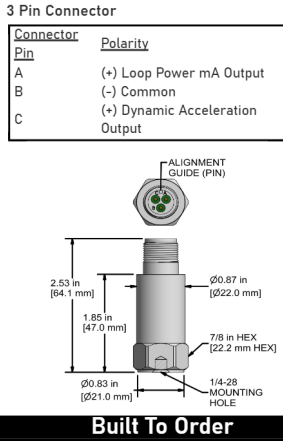
Product Features

Offers Continuous Protection Plus Dynamic Outputs for Diagnostics

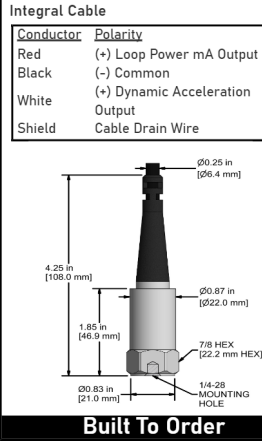
IEPE Sensor Power Not Required

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

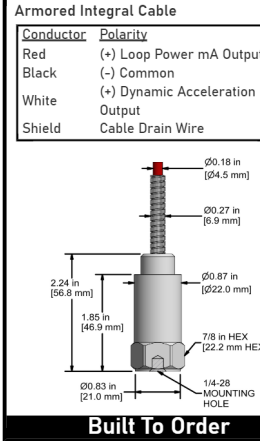
LP404-XXX-1B



LP404-XXX-2C



LP404-XXX-3C



Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	LP404	M/LP404	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			

Ordering Information

/LP404 -

Stud Type	Measurement Range	Range Type	Frequency Range ±3 dB	Style	Integral Options	
Blank = 1/4-28 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)	1E = 2 Pin MIL C-5015 2E = Integral Cable 3E = Armor Jacket	Armor Length (Integral)	Cable Length (Integral)
					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						

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