

LP382-M12A Series



Dual Output Loop Power Sensor, 4-20 mA Output Proportional to Vibration in Acceleration with RTD Temperature Output, Top Exit 4 Pin M12 Connector

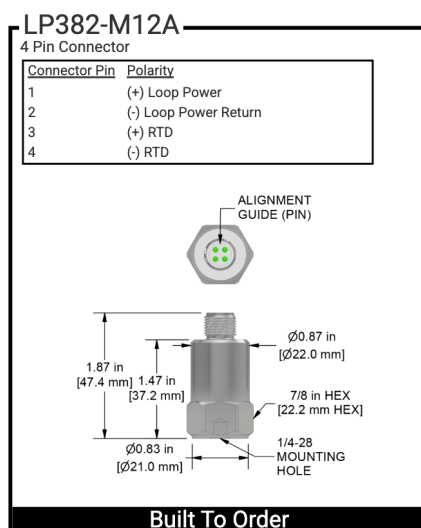


Product Features

Dual Output with 4-20 mA Current Proportional to Vibration in Acceleration and Base Mounted PT100 Sensor for RTD Temperature Output

View 2 Wire vs. 4 Wire RTD Systems Explained

- ▶ Compatible with CTC M4TR4 (Polycarbonate), M4RTR4 (PPS) and MV4R4 (Viton Boot) Connectors for 4 Wire RTD Systems
- ▶ Compatible with CTC M4TR2 (Polycarbonate), M4RTR2 (PPS), and MV4R2 (Viton Boot) Connectors for 2 Wire RTD Systems



Specifications			Standard	Metric	Specifications			Standard	Metric
Part Number			LP382-M12A	M/ or M8/LP382-M12A		<u>Physical</u>			
Temperature Measurement Range			-4 to 212 °F	-20 to 100 °C		Sensing Element			PZT Ceramic
Temperature Sensor			PT100 RTD		Sensing Structure			Shear Mode	
Tolerance: 4 mA			(± 10%)		Weight			2.9 oz	81 grams
Tolerance: 20 mA			(± 10%)		Case Material			316L Stainless Steel	
<u>Electrical</u>					Mounting Thread			1/4-28 Blind Tapped Hole	
Settling Time			<30 Seconds		Connector (Non-Integral)			4 Pin M12	
Voltage Source			15-30 VDC		Mounting Torque			2 to 5 ft. lbs.	2,7 to 6,8 Nm
Case Isolation			>10 ⁸ ohm		Mounting Hardware Supplied			1/4-28 Stud	M6x1 or M8x1.25 Adapter Stud
<u>Environmental</u>					Calibration Certificate			Current Output @ 100 Hz	
Operating Temperature Range			-4 to 212 °F	-20 to 100 °C					
Electromagnetic Sensitivity			CE						
Sealing			Welded, Hermetic						
Submersible Depth					60 m				

Ordering Information

/LP382 -		-	
Stud Type	Measurement Range	Type	Frequency Range ±3dB
Blank = ¼-28 M = M6x1 M8 = M8x1.25	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) 3 = 180-60000 CPM (3-1000 Hz) 4 = 180-300000 CPM (3-5000 Hz) 5 = 180-600000 CPM (3-10000 Hz)
			Style
			M12A = 4 Pin M12