HVLP302 Series

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

VIBRATION ANALYSIS HARDWARE

Product Features

10 kV DC (7 kV AC) Electrical Isolation between the base and internal electronics

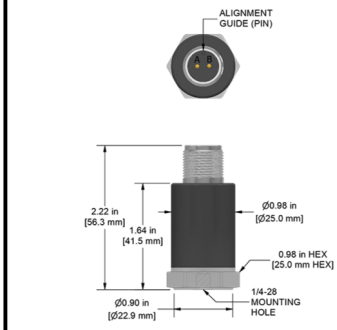
Stainless Steel Base & Connector

- For Use With CTC Grounded Connectors for Added Noise Protection: A2AG or A2NG
- Transmit Signals Over Long Distances with No Signal Loss
- Outputs to PLC, DCS, SCADA

HVLP302-XXX-1A

2 Pin Connector

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



Built To Order

Specifications	Standard	Metric
Part Number	HVLP302	M/ or M8/HVLP302
Tolerance: 4 mA	(± 10%)	
Tolerance: 20 mA	(± 10%)	
Electrical		
Settling Time	<30 Seconds	
Voltage Source	15-30 VDC	
Case Isolation	Isolation Voltage: 10kV DC (7kV AC)	

Specifications	Standard	Metric
Environmental		
Operating Temperature Range	-4 to 212 °F	-20 to 100 °C
Electromagnetic Sensitivity	CE	
Sealing	Molded, Fully Encapsulated	
Physical		
Sensing Element	PZT Ceramic	
Sensing Structure	Shear Mode	
Weight	3.2 oz	91 grams
Case Material	Polycarbonate	
Mounting Thread	1/4-28 Blind Tapped Hole	
Connector (Non-Integral)	2 Pin MIL-C-5015	
Mounting Torque	2 to 5 ft. lbs.	2,7 to 6,8 Nm
Mounting Hardware Supplied	1/4-28 Stud	M6x1 or M8x1.25 Adapter Stud
Calibration Certificate	CA10	

Ordering Information

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Stud Type	Measurement Range	Type	Frequency Range ±3dB	Style
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** = 120-150000 CPM (2-2500 Hz) **3** = 120-60000 CPM (2-1000 Hz) **4** = 120-300000 CPM (2-5000 Hz) **5** = 120-600000 CPM (2-10000 Hz)	**1A** = 2 Pin MIL C-5015