

HVLP202 Series

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



Product Features

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

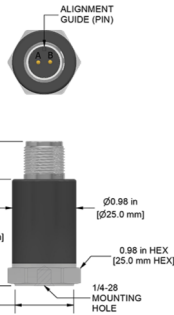
Stainless Steel Base & Connector

- ▶ 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

HVLP202-XXX-1A

2 Pin Connector

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



Built To Order

Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	HVLP202	M/ or M8/HVLP202	<u>Environmental</u>		
Tolerance: 4 mA	(± 10%)		Operating Temperature Range	-4 to 212 °F	-20 to 100 °C
Tolerance: 20 mA	(± 10%)		Electromagnetic Sensitivity	CE	
<u>Electrical</u>			Sealing	Molded, Fully Encapsulated	
Settling Time	<30 Seconds		<u>Physical</u>		
Voltage Source	15-30 VDC		Sensing Element	PZT Ceramic	
Case Isolation	Isolation Voltage: 10kV DC (7kV AC)		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

Stud Type	Measurement Range	Type	Frequency Range ±3dB	Style
Blank = 1/4-28 M = M6x1 M8 = M8x1.25	0 = 0-0.5 IPS (0-12.7 mm/sec) 1 = 0-1 IPS (0-25.4 mm/sec) 2 = 0-2 IPS (0-50.8 mm/sec) 3 = 0-0.4 IPS (0-10 mm/sec) 4 = 0-0.8 IPS (0-20 mm/sec) 6 = 0-5 IPS (0-127 mm/sec)	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