

AC132 Series

Triaxial Accelerometer, Side Exit 4 Pin Mini-MIL Connector, Follows Cartesian Phase Coordinate System, for Modal & ODS Analysis, 10 mV/g, ±10%

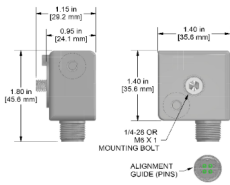


Product Features

- Collect 3 Channels of Data Simultaneously for Faster Data Collection
- Follows Cartesian Coordinate Phase Configuration (Right Hand Rule)
 - Popularly used for Modal Analysis and ODS (Operating Deflection Shape)
 - Cost Effective, Rugged Triaxial Sensor Ideally Suited for a Wide Variety of Industrial Applications
 - Compatible with CTC J Series Mini-MIL Connectors

AC132-1D
4 Pin Connector

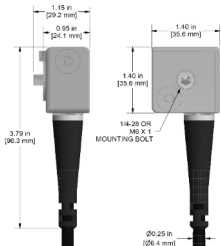
Connector Pin	Polarity
A (Axis Y/3)	(+) Signal/Power
B (Axis X/2)	(+) Signal/Power
C (Axis Z/1)	(+) Signal/Power
D	(-) Common/Grid



Stock Product

AC132-2D
CB105 Integral Cable

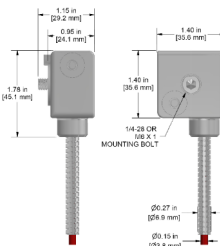
Conductor	Polarity
Red (Axis Y/3)	(+) Signal/Power
Green (Axis X/2)	(+) Signal/Power
White (Axis Z/1)	(+) Signal/Power
Black	(-) Common/Grid



Built To Order

AC132-3D
CB218 Armored Integral Cable

Conductor	Polarity
Red (Axis Y/3)	(+) Signal/Power
Green (Axis X/2)	(+) Signal/Power
White (Axis Z/1)	(+) Signal/Power
Black	(-) Common/Grid



Built To Order

Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	AC132	M/AC132	Environmental		
Sensitivity (±10%)		10 mV/g	Operating Temperature Range	-58 to 250°F	-50 to 121°C
Frequency Response (±3dB)	60-480,000 CPM	1,0-8000 Hz	Electromagnetic Sensitivity		CE
Frequency Response (±10%)	90-300,000 CPM	1,5-5000 Hz	Sealing		Welded, Hermetic
Dynamic Range		± 500 g, peak *Vsource ≥ 22V, 12Vbias	Submersible Depth	200 ft.	60 m
Electrical			SIL Rating		SIL 2
Settling Time	<2 seconds		Physical		
Voltage Source (IEPE)	18-30 VDC		Sensing Element		PZT Ceramic
Constant Current Excitation	2-10 mA		Sensing Structure		Shear Mode
Spectral Noise @ 10 Hz	100 µg/√Hz		Weight	7.1 oz	200 grams
Spectral Noise @ 100 Hz	19 µg/√Hz		Case Material		316L Stainless Steel
Spectral Noise @ 1000 Hz	5 µg/√Hz		Connector (Non-Integral)		4 Pin J Connector
Output Impedance	<100 ohm				
Bias Output Voltage	10-14 VDC				