

AC360 Series

Triaxial Accelerometer, Side Exit 4 Pin Mini-MIL Connector, Follows Cartesian Phase Coordinate System, for Modal & ODS Analysis, 100 mV/g, ±5%

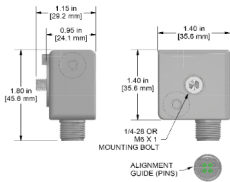


Product Features

- Collect 3 Channels of Data Simultaneously for Faster Data Collection
- Follows Cartesian Coordinate Phase Configuration (Right Hand Rule)
- ▶ High Performance Triaxial Sensor with High End Frequency Response of 10 kHz (+3dB)
 - ▶ Popularly used for Modal Analysis and ODS (Operating Deflection Shape)
 - ▶ Compatible with CTC J Series Mini-MIL Connectors

AC360-1D
4 Pin Connector

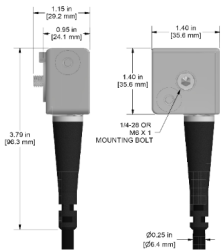
Connector Pin	Polarity
A (Axis Y/3)	(+) Signal/Power
B (Axis X/2)	(+) Signal/Power
C (Axis Z/1)	(+) Signal/Power
D	(-) Common/Grid



Stock Product

AC360-2D
CB105 Integral Cable

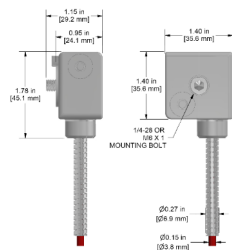
Conductor	Polarity
Red (Axis Y/3)	(+) Signal/Power
Green (Axis X/2)	(+) Signal/Power
White (Axis Z/1)	(+) Signal/Power
Black	(-) Common/Grid



Built To Order

AC360-3D
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	AC360	M/AC360	<u>Environmental</u>		
Sensitivity (±5%)	100 mV/g		Operating Temperature Range	-65 to 250°F	-54 to 121°C
Frequency Response (±3dB)	36-600,000 CPM	0,6-10000 Hz	Electromagnetic Sensitivity		CE
Frequency Response (±10%)	60-390,000 CPM	1,0-6500 Hz	Sealing		Welded, Hermetic
Frequency Response (±5%)	480-330,000 CPM	8,0-5500 Hz	Submersible Depth	200 ft.	60 m
			SIL Rating		SIL 2
			<u>Physical</u>		
Dynamic Range	± 50 g, peak *Vsource ≥ 22V, 12Vbias		Sensing Element		PZT Ceramic
			Sensing Structure		Shear Mode
			Weight	7.1 oz	200 grams
<u>Electrical</u>	<2.5 seconds		Case Material		316L Stainless Steel
Voltage Source (IEPE)	18-30 VDC		Connector (Non-Integral)		4 Pin Mini MIL Connector
Constant Current Excitation	2-10 mA				
Spectral Noise @ 10 Hz	27 µg/√Hz				
Spectral Noise @ 100 Hz	6.5 µg/√Hz				