



Product Features

High Resonant Frequency with Excellent Frequency Response

1,500,000 max frequency response

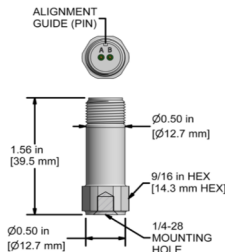
34 kHz Resonant Frequency

100 mV/g $\pm$ 5% Sensitivity

AC240-1D

2 Pin Mini Mil Connector

Connector Pin	Polarity
A	(+) Signal/Power
B	(-) Common



Stock Product

AC240-2D

CB110 Integral Cable

Conductor	Polarity
Red	(+) Signal/Power
Black	(-) Common
Shield	Cable Drain Wire

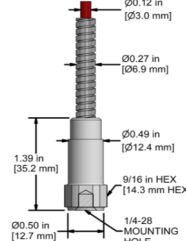


Built To Order

AC240-3D

CB206 Armored Integral Cable

Conductor	Polarity
Red	(+) Signal/Power
Black	(-) Common
Shield	Cable Drain Wire

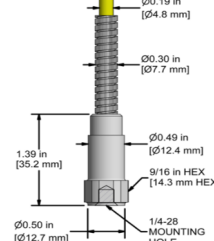


Built To Order

AC240-6D

CB611 Armored Integral Cable

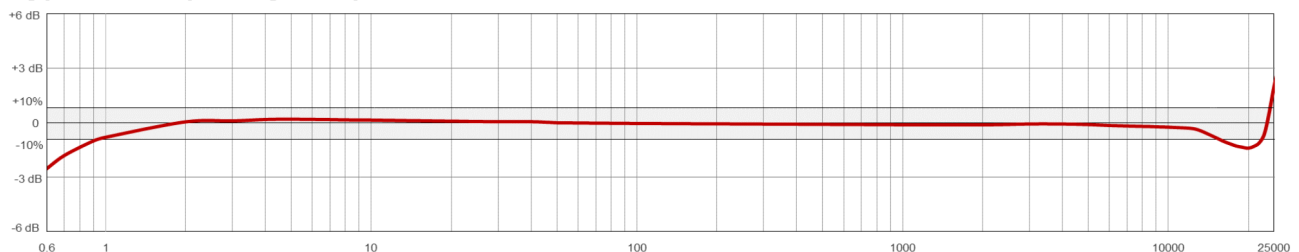
Conductor	Polarity
Red	(+) Signal/Power
Black	(-) Common
Shield	Cable Drain Wire



Built To Order

Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	AC240	M/AC240	<u>Environmental</u>		
Sensitivity ($\pm$ 5%)		100 mV/g	Temperature Range	-58 to 250°F	-50 to 121°C
Frequency Response ($\pm$ 3dB)	36-1,500,000 CPM	0.6-25000Hz	Maximum Shock Protection		5,000 g, peak
Frequency Response ($\pm$ 10%)	60-720,000 CPM	1,0-12000 Hz	Electromagnetic Sensitivity		CE
Frequency Response ($\pm$ 5%)	120-480,000 CPM	2-8000 Hz	Sealing		Welded, Hermetic
Dynamic Range		$\pm$ 50 g, peak	Submersible Depth	200 ft.	60 m
<u>Electrical</u>			<u>Physical</u>		
Settling Time		<2.5 Seconds	Sensing Element		PZT Ceramic
Voltage Source (IEPE)		18-30 VDC	Sensing Structure		Shear Mode
Constant Current Excitation		2-10 mA	Weight	0.7 oz	20 grams
Spectral Noise @ 10 Hz		30 μ g/ $\sqrt$ Hz	Case Material		316L Stainless Steel
Spectral Noise @ 100 Hz		4 μ g/ $\sqrt$ Hz	Mounting		1/4-28
Spectral Noise @ 1000 Hz		2 μ g/ $\sqrt$ Hz	Connector (Non-Integral)		2 Pin mini-MIL (J Series)
Output Impedance		<100 ohm	Resonant Frequency	2,040,000 CPM	34000 Hz
Bias Output Voltage		7-14 VDC	Mounting Torque	2 to 5 ft. lbs.	2,7 to 6,8 Nm
Case Isolation		>10 ⁹ ohm	Mounting Hardware	1/4-28 Stud	M6x1 Adapter Stud
			Calibration Certificate		CA10

Typical Frequency Response



Backed by our Unconditional Lifetime Warranty

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