## AC115 Series

## Low Cost Triaxial Accelerometer, Connector/Cable, 100 mV/g

ECTION |

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Actual Product Size Shown CE



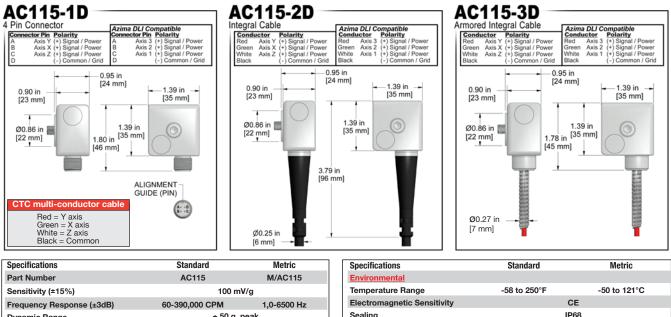
Must Use J4A, J4C, J4N, or J4P Connectors Must Use CB105, CB117, CB119 or CB218 Cables

## **Product Features**

**Low Cost Triaxial Sensor** 

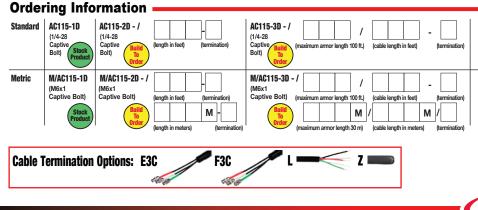
**Speeds Data Collection** 

- ±15% Sensitivity •
- Monitor 3 Channels of Data Simultaneously •
- Affordably Priced  $\bullet$



Part Number	AC115	M/AC115	
Sensitivity (±15%)	100 mV/g		
Frequency Response (±3dB)	60-390,000 CPM	1,0-6500 Hz	
Dynamic Range	± 50 g, peak		
Electrical			
Settling Time	<2.5 seconds		
Voltage Source (IEPE)	18-30 VDC		
Constant Current Excitation	2-10 mA		
Spectral Noise @ 10 Hz	27 μg/√Hz		
Spectral Noise @ 100 Hz	6.5 μg/√Hz		
Spectral Noise @ 1000 Hz	2.5 μg/√Hz		
Output Impedance	<100 ohm		
Bias Output Voltage	10-14 VDC		
Case Isolation	>10 <sup>8</sup> ohm		

Specifications	Standard	Metric
Environmental		
Temperature Range	-58 to 250°F	-50 to 121°C
Electromagnetic Sensitivity	CE	
Sealing	IP68	
Submersible Depth (AC115-2D/3D)	200 ft.	60 m
Physical		
Sensing Element	PZT Ceramic	
Sensing Structure	Shear Mode	
Weight	7.1 oz	200 grams
Case Material	316L Stainless Steel	
Mounting	1/4-28	
Connector (non-integral)	4 Pin, J Connector	
Mounting Torque	1 to 2 ft. lbs.	1,4 to 2,7 Nm
Mounting Hardware	1/4-28 Captive Bolt	M6x1 Captive Bolt
Calibration Certificate	CA10	





VIBRATION ANALYSIS HARDWARE

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