Actual Product Size Shown

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Premium Series Triaxial Accelerometer, Connector/Cable, 100 mV/g

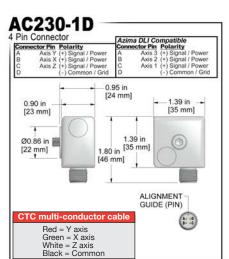
Must Use J4A, J4C, J4N, or J4P Connectors Must Use CB105, CB117, CB119 or CB218 Cables

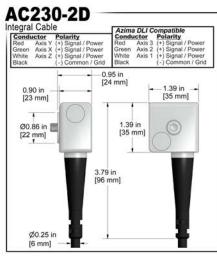
Product Features

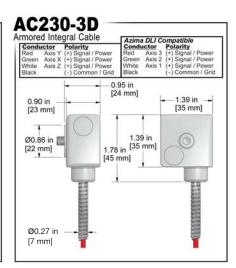
Premium Triaxial Sensor

Collect 3 Axes of Data

- Premium ±5% Sensitivity
- Reduces Data Collection Time
- 1/4-28 or M6x1 Captive Bolt



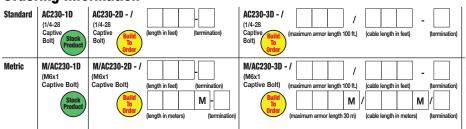




Specifications	Standard	Metric
Part Number	AC230	M/AC230
Sensitivity (±5%)	100 mV/g	
Frequency Response (±3dB) Frequency Response (±10%) Frequency Response (±5%)	36-600,000 CPM 60-390,000 CPM 480-330,000 CPM	0,6-10000 Hz 1,0-6500 Hz 8,0-5500 Hz
Dynamic Range	± 50 g, peak	
Electrical		
Settling Time	<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 ⁸ ohm	

Specifications	Standard	Metric
Environmental		
Temperature Range	-65 to 250°F	-54 to 121°C
Electromagnetic Sensitivity	CE	
Sealing	IP68	
Submersible Depth (AC230-2D/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	
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	

Ordering Information





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