AC119 Series

Low Cost Biaxial Accelerometer, Connector/Cable, 100 mV/g

Product Features

Low Cost Biaxial Sensor
Speeds Data Collection

- 100 mV/g/axis (±15%)
- Monitor 2 Channels of Data Simultaneously
- Cost Effective

AC119-1D
Three Pin Connector

Specifications
- Standard: AC119
- Metric: M/AC119
- 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: >10^9 ohm

Ordering Information

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<th>Standard</th>
<th>Metric</th>
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<tr>
<td>AC119-1D</td>
<td>M/AC119-1D</td>
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<td>AC119-2D</td>
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<td>AC119-3D</td>
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Cable Termination Options:
- Red = Y axis
- Green = X axis
- White = Z axis
- Black = Common

Note: CTC multi-conductor cable: Red = Y axis, Green = X axis, White = Z axis, Black = Common

CTC multi-conductor cable
Green = X axis
White = Z axis
Black = Common

Backed by our Unconditional Lifetime Warranty

www.ctconline.com