## AC136 Series

**Low Frequency Accelerometer, Side Exit Connector/Cable, 500 mV/g**

### Product Features

- **Low Frequency/Slow Speed Sensor**
  - 0.2 - 3000 Hz (12 - 180,000 CPM)
  - 500 mV/g, ±10% Sensitivity
  - Standard 2 Pin MIL Connection
  - ±10 g, Peak Dynamic Range

### Specifications

<table>
<thead>
<tr>
<th>Standard</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity (±10%)</td>
<td>500 mV/g</td>
</tr>
<tr>
<td>Frequency Response (±3dB)</td>
<td>12-180,000 CPM</td>
</tr>
<tr>
<td>Frequency Response (±10%)</td>
<td>36-90,000 CPM</td>
</tr>
<tr>
<td>Dynamic Range</td>
<td>± 10 g, peak</td>
</tr>
</tbody>
</table>

### Electrical

| Setting Time | 5 Seconds |
| Voltage Source (IEPE) | 18-30 VDC |
| Constant Current Excitation | 2-10 mA |
| Spectral Noise @ 10 Hz | 1.7 µV/√Hz |
| Spectral Noise @ 100 Hz | 0.2 µV/√Hz |
| Spectral Noise @ 1000 Hz | 0.13 µV/√Hz |
| Output Impedance | <100 ohm |
| Bias Output Voltage | 10-14 VDC |
| Case Isolation | >10^6 ohm |

### Ordering Information

#### Standard

- **AC136-1A**
  - 2 Pin Connector
  - **Part Number**: AC136-1A
  - **Connector Pin**: A (+) Signal/Power, B (-) Common

- **AC136-2C**
  - Integral Cable
  - **Part Number**: M/AC136-2C
  - **Conductor**: Red (+) Signal/Power, Black (-) Common
  - **Shield**: Cable Drain Wire

- **AC136-3C**
  - Armored Integral Cable
  - **Part Number**: M/AC136-3C
  - **Conductor**: Red (+) Signal/Power, Black (-) Common
  - **Shield**: Cable Drain Wire

- **AC136-6C**
  - Heavy Duty Armored Integral Cable
  - **Part Number**: M/AC136-6C
  - **Conductor**: Red (+) Signal/Power, Black (-) Common
  - **Shield**: Cable Drain Wire

### Cable Termination Options:

- **E**
- **F**
- **L**
- **Z**

### Backed by our Unconditional Lifetime Warranty

**800-999-5290**