## Specifications

### Analog Input
- Channels: 32 single-ended/16 differential (software programmable)
- Resolution: 12 bits
- Max. Sampling Rate:
  - PCI-1713U: 100 kS/s
  - PCI-1715U: 500 kS/s
- FIFO Size:
  - PCI-1713U: 4,096 samples
  - PCI-1715U: 1,024 samples
- Overvoltage Protection: 30 Vpk-p
- Isolation Protection: 2,500 VDC
- Input Impedance: 1 GΩ
- Sampling Modes: Software, onboard programmable pacer and external clock (TTL level)
- Input Range (V, software programmable) & Absolute Accuracy
<table>
<thead>
<tr>
<th>Mode</th>
<th>Unipolar</th>
<th>Bipolar</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range</td>
<td>0−10</td>
<td>±10</td>
</tr>
<tr>
<td>Accuracy</td>
<td>0.1</td>
<td>±0.625</td>
</tr>
</tbody>
</table>

### General
- Bus Type: Universal PCI V2.2
- I/O Connector: 1 x DB37 female connector
- Dimensions (L × H): 175 x 100 mm (6.9" × 3.9")
- Power Consumption: Typical: 5 V @ 850 mA
- Operating Temperature: 0 − 60°C (32 − 140°F)
- Storage Temperature: -20 − 70°C (-4 − 158°F)
- Storage Humidity: 5 − 95% RH non-condensing

### Ordering Information
- **PCI-1713U**: 100 kS/s, 12-bit, 32-ch Isolated AI PCI Card
- **PCI-1715U**: 500 kS/s, 12-bit, 32-ch Isolated AI PCI Card

### Accessories
- ADAM-3937: DB37 DIN-rail Wiring Board
- PCL-10137-1E: DB37 Cable, 1 m
- PCL-10137-2E: DB37 Cable, 2 m
- PCL-10137-3E: DB37 Cable, 3 m

### Pin Assignments

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All product specifications are subject to change without notice.