TT-SI 9001

Active Differential Probe for Bode 100

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Visit www.omicron-lab.com for more information.
Contact support@omicron-lab.com for technical support.
## General characteristics

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bandwidth</td>
<td>DC to 25MHz (-3dB)</td>
</tr>
<tr>
<td>Attenuation Ratio</td>
<td>Selectable: 1/10 or 1/100</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±2%</td>
</tr>
</tbody>
</table>

## Input

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC input voltage range</td>
<td>5 V DC to 10V DC</td>
</tr>
<tr>
<td>Polarity</td>
<td>&quot;+&quot; inside, &quot;-&quot; outside protected against wrong polarity</td>
</tr>
<tr>
<td>Mains adaptor (included)</td>
<td>9 VDC/ 40 mA included</td>
</tr>
<tr>
<td>Batteries (included)</td>
<td>4 x AA Cells</td>
</tr>
<tr>
<td>Weight &amp; Dimensions</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>&lt; 0.5 kg</td>
</tr>
<tr>
<td>Dimensions Probe (LxWxH)</td>
<td>170 mm x 63 mm x 21 mm</td>
</tr>
</tbody>
</table>

## Environmental Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ambient Operating Temperature</td>
<td>-10 °C to 40 °C</td>
</tr>
<tr>
<td>Ambient Storage Temperature</td>
<td>-30 °C to 70 °C</td>
</tr>
<tr>
<td>Ambient Operating Humidity</td>
<td>25 to 85% RH</td>
</tr>
<tr>
<td>Ambient Storage Humidity</td>
<td>25 to 85% RH</td>
</tr>
</tbody>
</table>

## Output

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Swing</td>
<td>±7V (into 50 kOhms load)</td>
</tr>
<tr>
<td>Offset (typical)</td>
<td>&lt;±5mV</td>
</tr>
<tr>
<td>Noise (typical)</td>
<td>0.7mVrms</td>
</tr>
<tr>
<td>Source Impedance (typical)</td>
<td>1 Ohm @ 1 kHz, 8 Ohm @ 1 MHz</td>
</tr>
<tr>
<td>CMRR (typical)</td>
<td>-86dB @50Hz, -66dB @20kHz</td>
</tr>
</tbody>
</table>
Delivery Includes:

- Active Differential Probe

- Wide input voltage range plug pack (international adaptor might be required)

- Carrying Case