Penny+ Giles RF11 series rotary faders have been designed using the same technology as the renowned RF15 series. The RF11 offers a compact design and a choice of options that include various tapers in mono or stereo configurations.

• available in up to two channels
• 320° angle of rotation
• log and linear output
**SELECT THE FADER OPTIONS YOU REQUIRE**

<table>
<thead>
<tr>
<th>Output channels</th>
<th>One</th>
<th>Two</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resistance</td>
<td>±20%</td>
<td>±20%</td>
</tr>
<tr>
<td>±5kΩ</td>
<td>±10kΩ</td>
<td></td>
</tr>
<tr>
<td>Output law</td>
<td>Log audio taper</td>
<td>Linear</td>
</tr>
</tbody>
</table>

**Safety warning**

50Vdc maximum voltage

The RF11 is designed for operation at voltages not exceeding 50Vdc

**OUTPUT LAW CHARACTERISTICS**

Maximum insertion loss 0.5dB. Insulation resistance 20MΩ at 50Vdc

<table>
<thead>
<tr>
<th>Taper</th>
<th>Accuracy</th>
<th>Matching accuracy (relative to track 1)</th>
<th>Cut-off/maximum end volts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Log audio</td>
<td>±2.0dB (0-20dB)</td>
<td>±1.0dB (0-40dB)</td>
<td>85dB</td>
</tr>
<tr>
<td></td>
<td>±4.0dB (21-60dB)</td>
<td>±2.0dB (41-60dB)</td>
<td></td>
</tr>
<tr>
<td>Linear</td>
<td>±3%</td>
<td>±3%</td>
<td>0.1%</td>
</tr>
</tbody>
</table>

Test conditions: • wiper load 100kΩ log only • element resistance 10kΩ • frequency for cut-off 15kHz • frequency for law accuracy 1kHz.

**CIRCUIT DIAGRAMS/TERMINATIONS**

**DIMENSIONS**

All dimensions shown in mm

**TO ORDER OR OBTAIN A QUOTATION PLEASE CONTACT YOUR NEAREST SALES OFFICE AND ADVISE:**

The series number and description, number of channels, resistance and the output law

For example: RF11 rotary fader • 2 channels • 5kΩ resistance • log audio taper Penny+Giles would code this fader as:

Fader type | series | channels | resistance | law |
---|---|---|---|---|
RF11 | 2 | C | A |

**Quality Approvals**

Penny+Giles are accredited to BS EN ISO 9001:2008

Quality is at the heart of all our systems ensuring the reliability of our products from initial design to final despatch.


The products detailed in this document are supplied as components for installation into an electrical apparatus or system. They are outside the scope of the EEC directive and will not be CE marked.

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