**Connector PG/90° Screw terminal**

**Function**

The PG/Service interface serves as feedback-free measuring point for measurements with PROFtest II XL/PROFI-TM Professional and PB-INspektor® NT can also be used as programming interface. The plug is completely shielded by the metal-coated casing. The plug for the terminating resistor that is accessible from outside, disconnects the outgoing segment when being in ON position. When using the screw terminal all commercially available line types can be connected, so the plug can be used variously.

**Bus connection**

- 9-pin sub-D interface
- Screw terminal connection
- 90° cable outlet

**Electrical parameters**

- Terminating resistor: integrated, can be switched with a sliding switch from outside
- Baud rate: 9.6 kbps to 12 Mbps
- Supply voltage: 4.75 to 5.25 VDC
  - has to be provided by each PROFIBUS user (Pin 5 GND, Pin 6 +5V)
- Current drain: 12.5 mA

**Ambient conditions**

- Operating temperature: -25°C bis +85°C
- Transport / storage temperature: -25°C to +85°C
- Relative humidity: Max. 75 %, bei +25 °C
- Industrial protection: IP20

**Design**

- Dimensions (H x W x D): 64 x 17 x 40 mm
- Interface: 9-pin sub-D
- Weight: approx. 40 g
- Casing: plastic material metallized

**CE mark**

Plugs are passive components and are not subject to the CE mark system pursuant to EU Directives.

**Ordering details**

<table>
<thead>
<tr>
<th>Art. No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>110050001</td>
<td>Connector without PG/90° Screw terminal</td>
</tr>
<tr>
<td>110050002</td>
<td>Connector PG/90° Screw terminal</td>
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</tbody>
</table>

**Connector PG/90° Screw terminal**

**Engineering drawing**

**Functional diagram**