

## Connector PG/35° Screw terminal

### Function

The PG/Service interface serves as feedback-free measuring point for measurements with PROTest II XL/PROFI-TM Professional and PB-IN-spektor® 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
- 35° 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)

### Ambient conditions

- Operating temperature: -25 °C bis +85 °C
- Transport / storage temperature: -25 °C to +85 °C
- Relative humidity: max. 75 % at a temperature of +25 °C
- Industrial protection: IP20

### Design

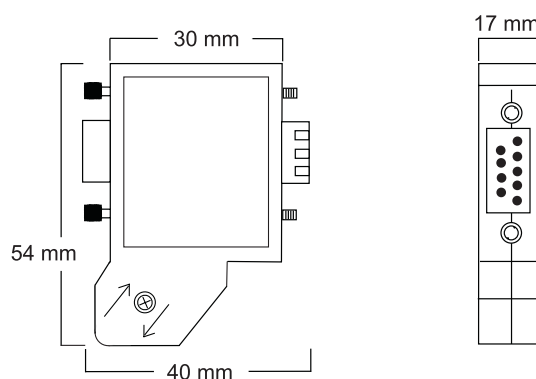
- Dimensions (H x W x D): 54 x 17 x 40 mm
- Interface: 9-pin sub-D
- Weight: approx. 35 g
- Casing: plastic material metallized

### CE mark

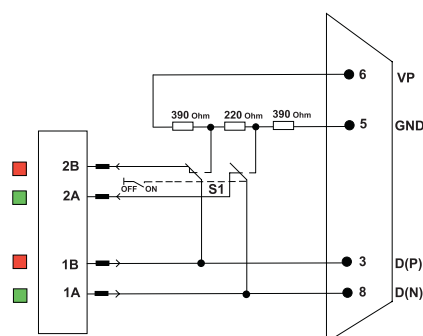
Plugs are passive components and are not subject to the CE mark system pursuant to EU Directives.



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Engineering drawing



Functional diagram

Ordering details	Art. No.
Connector without PG/35° Screw terminal	110050003
Connector PG/35° Screw terminal	110050004