



Pt 100 / Pt 1000 I

Dimensions: mm

The temperature sensors Pt 100 and Pt 1000 are ideal for automatic temperature compensation in connection with electrochemical sensors and temperature measurement. The dimensions are identical to pH and redox electrodes.

The platinum resistors 100  $\Omega$  and 1000  $\Omega$  are in accordance with the specification DIN IEC 751 class A.

In addition to the models with detachable S7 plug head connection system, fixed cable versions are available. Special versions with detachable Multipin SixPlug connection system feature a four wire cable connection to the instrument. This reduces deviations caused by long cable lengths.

Accompanying plug head cable connections:

K 43/2: Coaxial cable, length 2 m with plug head S7 cable socket, without meter plug

K 18/2: Multiwire connection cable, length 2 m with SixPlug plug head Connector socket, without meter plug

cable wiring K 18: screen/white: Pt 1000/Pt 100  
brown/green: Pt 1000/Pt 100

## Specifications

### Electrode stem

glass  $\varnothing$  12 mm

### Immersion length

120 mm (immersion lengths 150 mm, 225 mm and 360 mm on request)

### Temperature range

- 10...100 °C

### Temperature probe

100  $\Omega$  RTD or 1000  $\Omega$  RTD platinum resistance sensor DIN IEC 751 class A

### Pressure

max. 6 bar

### Electrical connection

Pt 100 I, Pt 1000 I: PG 13.5 threaded S7 plug head

Pt 100 K/PG, Pt 1000 K/PG: 5 m fixed coaxial cable without meter plug; stem equipped with hex nut PG 13.5

Pt 100 SMEK, Pt 1000 SMEK: PG 13.5 threaded SixPlug Multipin plug head

### Process connection

sensor shaft equipped with hex nut PG 13.5 or PG 13.5 threaded plug head for direct mounting in housings; installation independent from position