

## Data sheet: PT 1000 measuring resistor 2-wire circuit

**Description:** Cable-resistance-thermometer, double shrinkable tube

### Sensor data

Type: 1 x Pt1000, crimped  
Mode of connection: 2-wire circuit  
Resistance value: 1000 at 0°C, acc. DIN EN 60751:2009  
Tolerance: Class B,  $\pm 0,30^\circ\text{C}$  at 0°C, acc. DIN EN 60751:2009

### Electrical values

Recommended measuring current: 0,1 to 0,3 mA  
Dielectric strength: 5 kV AC, 50 Hz/1 min.

**Temperature** -40°C...+200°C

### Sensor housing

Material: PTFE  
Type: double shrinkable tube  
Outer diameter: max.3,5 mm  
Length: 40 $\pm$ 3 mm

### Supply line

Version: single litzes, fix connected  
Material / Insulation: Cu-silver plated / PTFE  
Cross section: AWG26/7  
Colour code: red/white  
Outer diameter: 1,2 mm  
Length: 2000 mm

