



## Features

- high long term stability
- high accuracy
- 4-wire connection
- wide measuring range
- applied in meteorology
- compact construction
- screened cable for noise reduction

## Temperature Probes PT100

Temperature probes Pt100 are used for air temperature, surface ground temperature and soil temperature measurements. This family of high quality probes use platinum sensing element as the highest stability and accuracy devices of today's temperature measurements. For precise results all types use four wire connection with screened cable. This assures high noise immunity.

Pt100 probes are in waterproof housing. Five meter cable is used for easy installation.

There are available two grades of precision - 1/5 grade and 1/3 grade (according to IEC specifications).

## Technical specifications

### models

Pt100 1/5 DIN

Pt100 1/3 DIN

### accuracy over measuring range

Pt100 1/5  $\pm 0.1^{\circ}\text{C}$

Pt100 1/3  $\pm 0.2^{\circ}\text{C}$

### measuring element

$100\Omega, \alpha=0.00385$

### recommended current

2mA max.

### measuring range

$-50 \dots +70^{\circ}\text{C}$

### size

measuring tip diameter

5mm, length 15mm

housing diameter

10mm, length 100mm

### cable

5m

