

# Temperature probe PT100



## FEATURES

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

- Temperature probe Pt100 is used for air temperature surface ground temperature, soil temperature measurements. This family of high quality probes use a platinum sensing element for the highest stability and accuracy device of today's temperature measurement instruments.
- For precise results all types use four wire connection with screened cable. This assures high noise immunity.
- Pt100 probes are in a waterproof housing. A five meter cable is used for easy installation.
- Two grades of precision are available - 1/5 grade and 1/3 grade (according to IEC specifications).

TECHNICAL SPECIFICATIONS	
Models	Pt100 1/5 DIN and Pt100 1/3 DIN
Accuracy over measuring range	Pt100 1/5 DIN - $\pm 0,1$ °C
	Pt100 1/3 DIN - $\pm 0,2$ °C
Measuring element	100 $\Omega$ , $\alpha=0.00385$
Recommended current	2mA max.
Measuring range	- 50 to + 70 °C
Size	Measuring tip diam. - 5 mm, length - 15 mm
	Housing diameter - 10 mm, length - 100 mm
Cable	5 m

