

TPP

Temperature Profile Probe

Temperature probe is designed for easy and accurate measurement of soil temperatures in different profiles to a depth of 2 m. The probe uses a highly stable and accurate platinum sensing element, waterproof construction and used materials ensure long time reliability in extreme environmental conditions.



Ground frost
measurements



Selectable
measurement
depths



CE certified



Meets EN61326-
1997, 98, 2001 EMC
requirements

Measurement

Accuracy classes	PT100 1/5 DIN: ± 0.1 °C
Resolution	0.1 °C
Measuring element	100 Ω , $\alpha = 0.00385$
Nominal sensing depths	0.07, 0.2, 0.5, 0.8, 1.1, 1.4, 1.7, 2 m

Environmental parameters

Operating temperature range	-50 °C to +70 °C
Storage temperature range	-50 °C to +70 °C
Operating humidity range	0 to 100 %
Protection rating	IP68

Mechanical parameters

Length	2 m
Diameter	30 mm