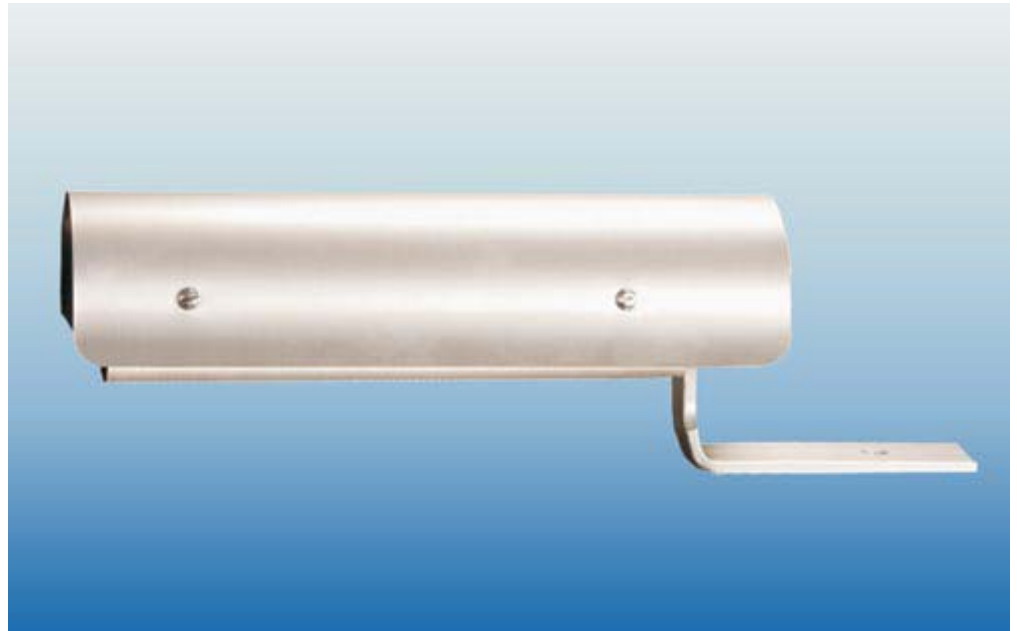


# Temperature 5 cm above soil 2014.0000

Instruments for:  
METEOROLOGY  
HYDROLOGY  
WATER QUALITY  
AIR QUALITY  
INDOOR CLIMATE  
VENTILATION

**KRITECH**

Typical Sensor  
presentation



**Type-No.: 2014.0000**

**Air Temperature Sensor 5 cm above Soil**

with protective housing against weather and radiation influences.

Sensor: Platinum resistance thermometer  
Pt 100, DIN 60751 B, 1/3 tolerance

Measuring cable: 4 x 0.5 mm<sup>2</sup>, screened, 5 m length

Dimensions: 335 x 75 x 90 mm

Weight: approx. 0.95 kg

PT 100 conversion table following DIN 60751B - Tolerance class : 1/3 class B  
Temperature range : - 70°C ... +250°C

Temperature	Value in Ohm	Tolerance
- 40°C		± 0,17 °C
- 20°C		± 0,13 °C
-10°C		± 0,12 °C
0°C	100,00	± 0,10 °C
+ 10°C		± 0,12 °C
+ 20°C		± 0,13 °C
+ 30°C		± 0,15 °C
+ 50°C		± 0,19 °C