



DESCRIPTION

The temperature sensor type 2018 serves for measurement of soil temperature resp. water temperature. As measuring sensor an encased platinum film resistor Pt 100 is used; it is integrally casted by means of a heat-conducting sealing compound into a waterproof shaft made of stainless and sea water-resistant steel. The measuring sensor is provided with a standard 5 m long measuring cable.

TECHNICAL DATA

Measuring resistance:	Pt 100 acc. DIN 60751 B, 1/3 tolerance* corresp. ± 0.1 K at 0 °C
Measuring range:	-50...+80 °C
Dimensions:	length: 100 mm Ø: 6 mm
Weight:	approx. 0.20 kg
Measuring cable:	4 x 0.22 mm ² , shielded, 5 m long

* Other measuring resistors or cable lengths on request
e.g. Pt1000 according to DIN 60751 B,
1/3 tolerance

ORDERING CODE

Temperature sensor for measurement of soil resp. water temperature **2018.0000**
Measuring resistor and cable length to be specified separately.

MOUNTING HINT

The temperature sensor is introduced directly into the soil or into the water. Care must be taken in providing a suitable cable protection!

CONNECTION PLAN

wt = white
rd = red

