

Temperature Sensor

for measurement of soil resp.
water temperature

2018.0000 BG

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6	08.08		
5	03.08		Lo
4	05.03		Lo
Issue.	Date		Name



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

ws = white
rt = red

Description

The temperature sensor type 2018 serves for measurement of soil temperature resp. water temperature. As measuring sensor an encased hard glass platinum resistance 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

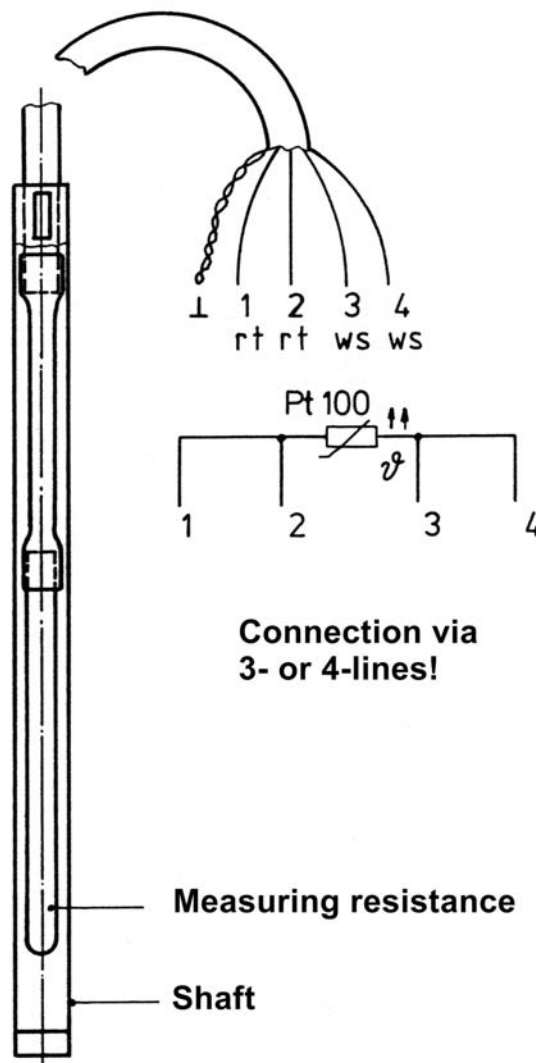
Weight: approx. 0.20 kg

Measuring cable: 4 x 0.2 mm², shielded,
5 m long

* Other measuring resistances upon requirement.

Ordering Code

Temperature sensor for measure-
ment of soil resp. water temperature **2018.0000**



Technical data are subject to change!