



Temperature Sensor for measurement of soil resp. water temperature

GROUP 2	TEMPERATURE
NO.	2018.0000
VERSION / DATE / NAME	08 / 06.2017 / Zi



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

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.

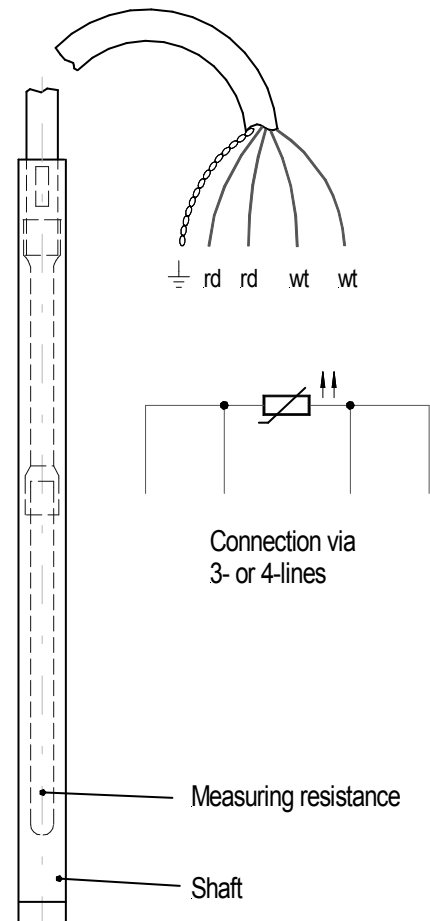
TECHNICAL DATA

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 0.22 mm ² , shielded, 5 m long

* Other measuring resistances upon requirement.

ORDERING CODE

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Technical data are subject to change!