



Design

The temperature sensor is screwed into a threaded hole in the container.

Function

The temperature sensor contains a platinum resistance thermometer with interchangeable measuring element.

The sensor consists of a shield tube, a connection head and the measuring element. During installation, ensure as accurately as possible that the sensor accepts the temperature to be measured. Heat absorbed or given out by the sensor is to be avoided.

Resistance default value of platinum resistance thermometer Pt 100 - as a function of temperature:

Temperature [°C]	-100,00	0,00	100,00	200,00
Basic value [Ω]	60,25	100,00	138,50	175,84

Note

The permissible flow velocity for water is 3 m/s.



Design	to DIN 43 763
Measurement range	-50 °C to +150 °C
Measurement resistor	Pt 100
Tolerance 0 °C 100 °C	+/- 0.12 Ω +/- 0.30 Ω
Materials Casing Tube protector	stainless steel stainless steel
Dimensions Length Measuring element length Screw thread	100 mm 145 mm G 1/2 "
Electrical connection	Cable, 750 mm long
Subject to change	

Technical data

