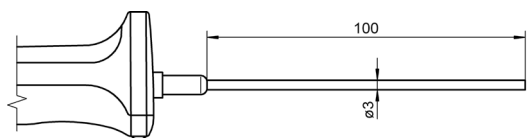


Temperature

Pt100 sensor with handle FPA 106 LxxxxH

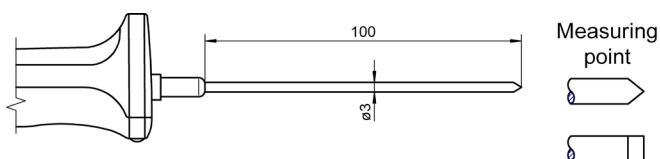


For immersion measurement

Accuracy: Pt100 film resistor, class B*
Measuring tip: Operative range -40...+400 °C
Sheath element, stainless steel
 T_{90} : * 8 s
Handle: * 127 mm
Cable: 1.5 m FEP/silicone

L = 100 mm **Order no. FPA106L0100H**

Pt100 sensor with handle FPA 123 LxxxxH

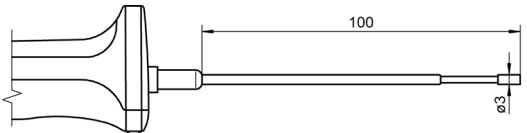


For immersion measurement in plastic and pasty substances

Accuracy: Pt100 film resistor, class B*
Measuring tip: Operative range -40...+400 °C
Penetrating tip
 T_{90} : * 8 s
Handle: * 127 mm
Cable: 1.5 m FEP/silicone

L = 100 mm **Order no. FPA123L0100H**

Pt100 sensor with handle FPA 124 LxxxxH



For surface measurement and immersion measurement

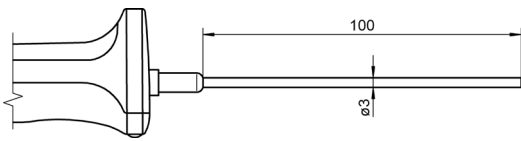
Accuracy: Pt100 film resistor, class B*
Measuring tip: Operative range -40...+300 °C
Silver rivet, level
 T_{90} : * 10 s
Handle: * 127 mm
Cable: 1.5 m FEP/silicone

L = 100 mm **Order no. FPA124L0100H**

* Range of validity see page 147

DAkkS or factory calibration KT90xx temperature for sensor or measuring chain (sensor + device), see chapter „Calibration certificates“. DAkkS calibration meets all the requirements regarding test resources laid down in DIN EN ISO/IEC 17025.

NTC sensor with handle FNA 106 LxxxxH

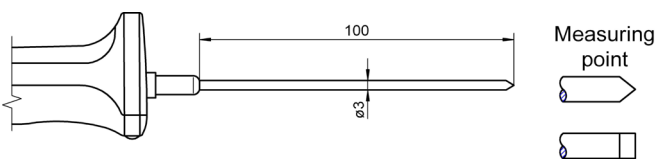


For immersion measurement

Accuracy: NTC, see page 148
 Measuring tip: Operative range -20...+100 °C
 Sheath element, stainless steel
 T_{90} : * 8 s
 Handle: * 127 mm
 Cable: 1.5 m PVC

L = 100 mm **Order no. FNA106L0100H**

NTC sensor with handle FNA 123 LxxxxH

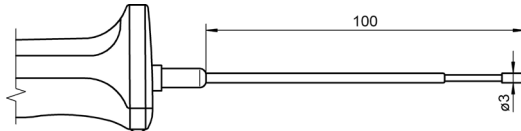


For immersion measurement in plastic and pasty substances

Accuracy: NTC, see page 148
 Measuring tip: Operative range -20...+100 °C
 Penetrating tip
 T_{90} : * 8 s
 Handle: * 127 mm
 Cable: 1.5 m PVC

L = 100 mm **Order no. FNA123L0100H**

NTC sensor with handle FNA 124 LxxxxH



For surface measurement and immersion measurement

Accuracy: NTC, see page 148
 Measuring tip: Operative range -20...+100 °C
 Silver rivet, level
 T_{90} : * 10 s
 Handle: * 127 mm
 Cable: 1.5 m PVC

L = 100 mm **Order no. FNA124L0100H**

NTC sensor FNA 305



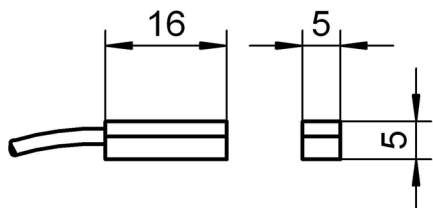
For room air measurement

Accuracy: NTC, see page 148
 Measuring tip: Operative range -10...+60°C
 (non-condensing), Protective tube
 in stainless steel
 diameter = 3.0mm, length = 50mm
 mounted directly on ALMEMO® connector
 T_{90} : 8 s

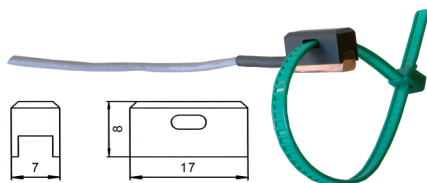
L = 50 mm **Order no. FNA305**
 (No variants available)

Temperature

Pt100 sensor FPA 611 x



For surface measurement



Accuracy: Pt100 film resistor, class B*
 Measuring tip: Operative range see below
 Copper, level
 Improved thermal transfer thanks to innovative sensor element and new contact technology

T_{90}^* : 20 s
 Cable: see below

Surface sensor
 -10...+90°C, Cable PVC, 2 m **Order no. FPA611**
 -10...+110°C, Cable, PFA, 3m for more demanding mechanical stress ALMEMO® connector, resolution 0.01 K
Order no. FPA611S01

Accessories
 Fixture for fastening with cable ties **Best-Nr. ZB9611RM**

02/2024 • We reserve the right to make technical changes.

Pt100 film sensor FPA 686



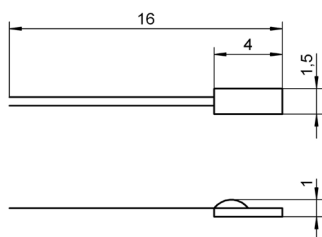
For surface measurement

Accuracy: Pt100 wire-wound, class B*
 Messfläche: Operative range -50...+200 °C,
 temperature-resistant foil,
 15 x 40 mm, approx. 0.5 mm thick

T_{90}^* : 2 s
 Cable: Stranded wire PFA, 4-wire twisted

Length 2 m **Order no. FPA686**
 Length 10 m **Order no. FPA686L10**

Pt100 ceramic chip sensor element FP 0802



Unprotected sensor element for constructing your own sensors

Accuracy: Pt100 film resistor, class B*
 Measuring tip: Operative range -40...+400 °C
 Ceramic chip sensor

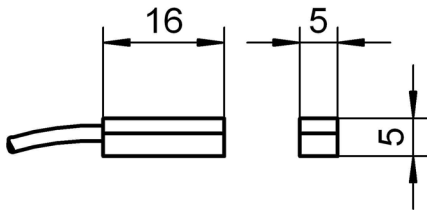
Connection wires: 10 mm, bare

Ceramic chip sensor **Order no. FP0802**

* Range of validity see page 147

DAkkS or factory calibration KT90xx temperature for sensor or measuring chain (sensor + device), see chapter „Calibration certificates“.
 DAkkS calibration meets all the requirements regarding test resources laid down in DIN EN ISO/IEC 17025.

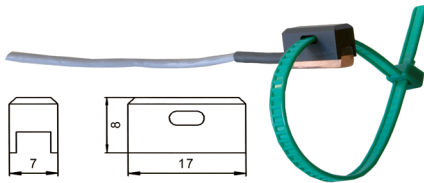
NTC sensor FNA 611



For surface measurement

Accuracy: NTC, see page 148
 Measuring tip: Operative range -10...+90 °C
 Copper, level
 T_{90} : * 20 s
 Cable: 2 m PVC

Surface sensor **Order no. FNA611**



Accessories
 Fixture for fastening
 with cable ties

Best-Nr. ZB9611RM

NTC sensor FN 0001 K



Unprotected sensor element with cable



Accuracy: NTC, see page 148
 Measuring tip: Sensor element, unprotected
 Operative range: -20...+100°C
 Connection wires: appr. 180 mm, fluoropolymer insulation
 Connecting cable: 2 meters, PVC, thin stranded pick-up
 wire, Operative range -10 to +90 °C
 Cable juncture, in shrink-fit

NTC sensor with cable,
 free ends

Order no. FN0001K

Option:

ALMEMO® connector including assembly

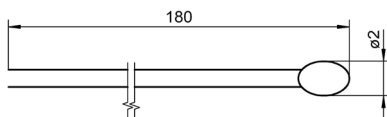
Single connectors for 1 sensor

Order no. OT9040AS

Double connector for 2 sensors

Order no. OT9040AS2

NTC sensor element FN 0001



Unprotected sensor element for constructing your own sensors

Accuracy: NTC, see page 148
 Measuring tip: Operative range -20...+100 °C
 Sensor

Connection wires 180 mm, fluoropolymer insulation

Sensor

Order no. FN0001