Temperature

Pt100 sensor with handle FPA 106 LxxxxH
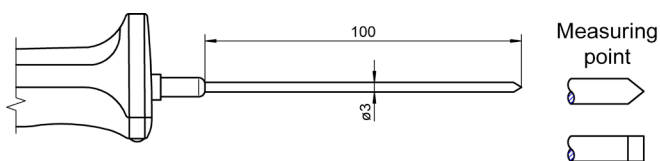

For immersion measurement
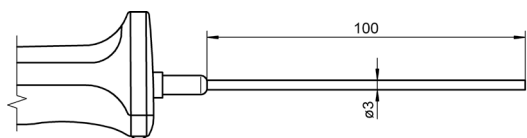
Accuracy:	Pt100 film resistor, class B*
Measuring tip:	Operative range -40...+400 °C
	Sheath element, stainless steel
T_{90}: *	8 s
Handle: *	127 mm
Cable:	1.5 m FEP/silicone

L = 100 mm   **Order no. FPA106L0100H**
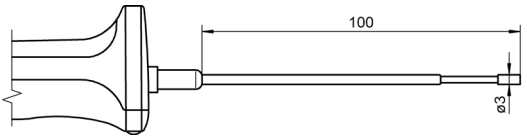
Pt100 sensor with handle FPA 123 LxxxxH

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 07.03

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.
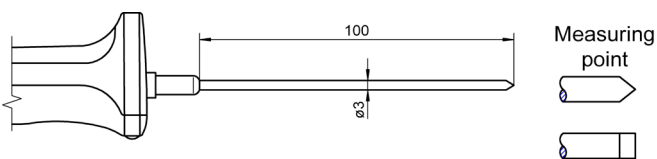
NTC sensor with handle FNA 106 LxxxxH
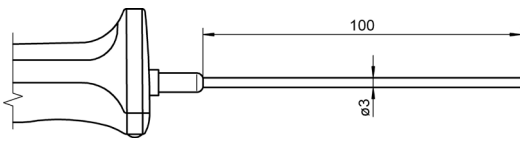
Accuracy:	NTC, see page 07.04
Measuring tip:	Operative range -20...+100 °C
	Sheath element, stainless steel
T_{90}: *	8 s
Handle: *	127 mm
Cable:	1.5 m PVC

For immersion measurement

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

NTC sensor with handle FNA 123 LxxxxH

Accuracy:	NTC, see page 07.04
Measuring tip:	Operative range -20...+100 °C
	Penetrating tip
T_{90}: *	8 s
Handle: *	127 mm
Cable:	1.5 m PVC

For immersion measurement in plastic and pasty substances

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

NTC sensor with handle FNA 124 LxxxxH
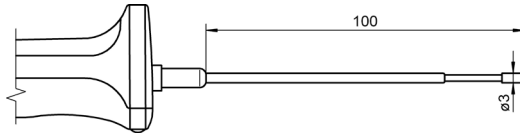
Accuracy:	NTC, see page 07.04
Measuring tip:	Operative range -20...+100 °C
	Silver rivet, level
T_{90}: *	10 s
Handle: *	127 mm
Cable:	1.5 m PVC

For surface measurement and immersion measurement

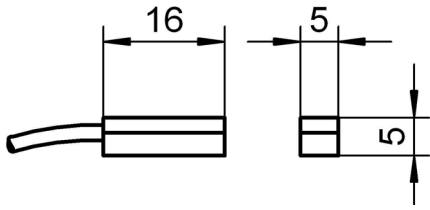L = 100 mm **Order no. FNA124L0100H**

NTC sensor FNA 305

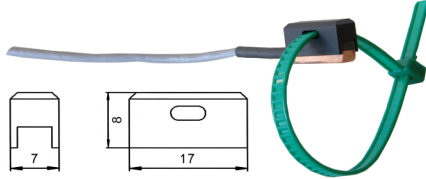|	
Accuracy:	NTC, see page 07.04
Measuring tip:	Operative range -10...+60°C
	(non-condensing), Protective tube
	in stainless steel
	diameter = 3.0mm, length = 50mm
	mounted directly on ALMEMO® connector
T_{90}:	8 s

For room air measurement

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

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.

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**
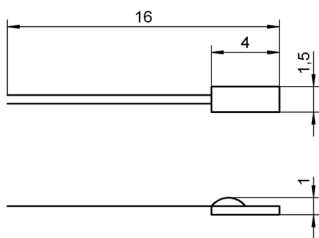
Pt100 film sensor FPA 686
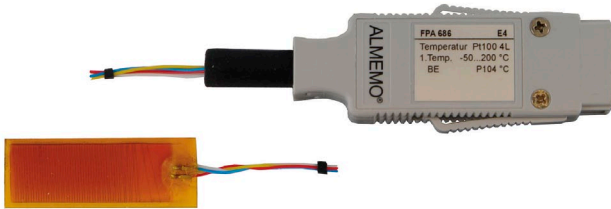
For surface measurement

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*
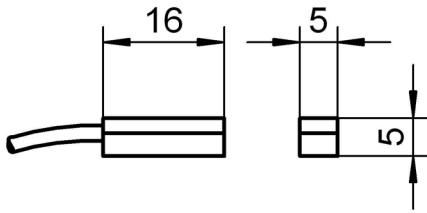Measuring tip: Operative range -40...+400 °C
  Ceramic chip sensor
Connection wires: 10 mm, bare

Ceramic chip sensor   **Order no. FP0802**

* Range of validity see page 07.03

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.
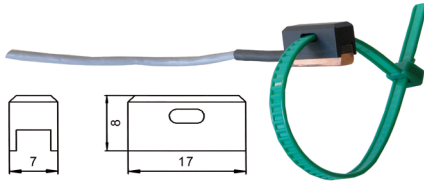
NTC sensor FNA 611

For surface measurement

Accuracy:	NTC, see page 07.04
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 07.04
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
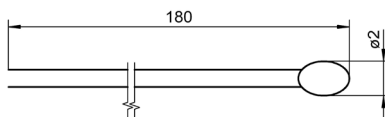Single connectors for 1 sensor   Order no. OT9040AS
Double connector for 2 sensors   Order no. OT9040AS2

NTC sensor element FN 0001

Unprotected sensor element for constructing your own sensors

Accuracy:	NTC, see page 07.04
Measuring tip:	Operative range -20...+100 °C
	Sensor
Connection wires	180 mm, fluoropolymer insulation

Sensor   **Order no. FN0001**

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.