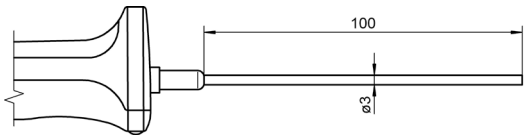
10/2013 • We reserve the right to make technical changes.

Pt100 sensor with handle FPA 106 LxxxxH

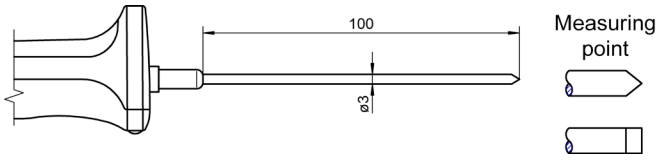


Meas. element:	Pt100, class B *
Measuring tip:	Operative range -40...+500 °C Sheath element, stainless steel
T_{90}: *	8 s
Handle: *	127 mm
Cable:	1.5 m FEP/silicone

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

For immersion measurement

Pt100 sensor with handle FPA 123 LxxxxH

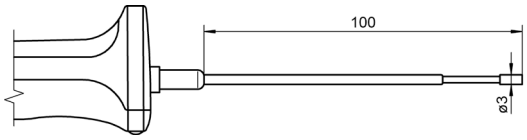


Meas. element:	Pt100, Class B *
Measuring tip:	Operative range -40...+500 °C Penetrating tip
T_{90}: *	8 s
Handle: *	127 mm
Cable:	1.5 m FEP/silicone

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

For immersion measurement in plastic and pasty substances

Pt100 sensor with handle FPA 124 LxxxxH



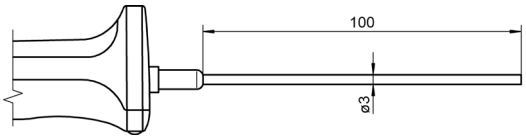
Meas. element:	Pt100, Class B *
Measuring tip:	Operative range -40...+300 °C Silver rivet, level
T_{90}: *	10 s
Handle: *	127 mm
Cable:	1.5 m FEP/silicone

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

For surface measurement and immersion measurement

* For general technical data, see page 07.03

NTC sensor with handle FNA 106 LxxxxH

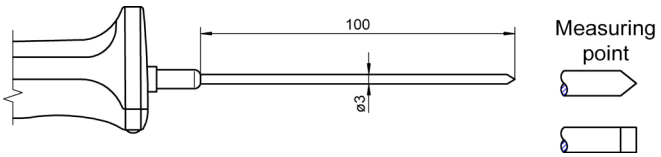


For immersion measurement

Meas. element: NTC *
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

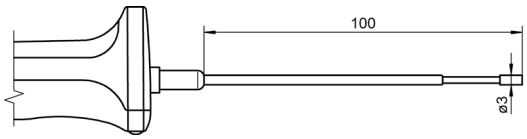


For immersion measurement in plastic and pasty substances

Meas. element: NTC *
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

Meas. element: NTC *
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

Meas. element: NTC*
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)

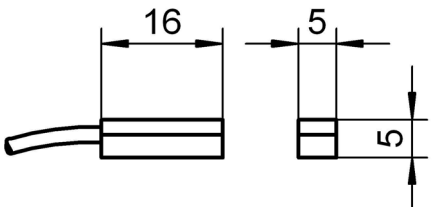
* For general technical data, see page 07.03

10/2013 • We reserve the right to make technical changes.

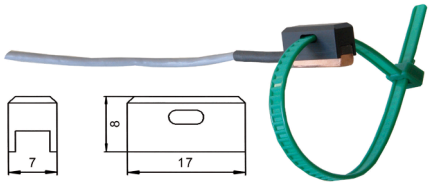
DAkkS / DKD or factory calibration KT90xx temperature for sensor or measuring chain (sensor + device) (see chapter Calibration certificates)

Temperature

Pt100 sensor FPA 611 x



For surface measurement



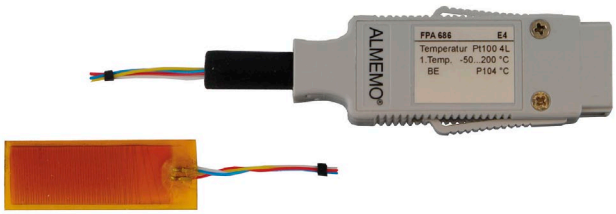
Meas. element: Pt100, class B *
Measuring tip: Operative range see below
Copper, level
new Improved thermal transfer thanks to innovative sensor element and new contact technology
T_{90}: * 20 s
Cable: see below

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

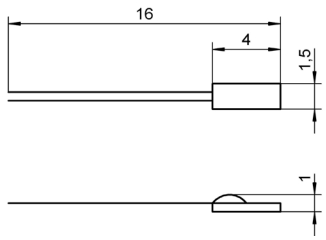


For surface measurement

Meas. element: Pt100, class B*, gewickelt
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

Meas. element: Pt100, Class B *
Measuring tip: Operative range -40...+400 °C
Ceramic chip sensor
Connection wires: 10 mm, bare

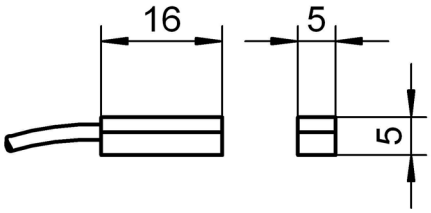
Ceramic chip sensor **Order no. FP0802**

* For general technical data, see page 07.03

DAkkS / DKD or factory calibration KT90xx temperature for sensor or measuring chain (sensor + device) (see chapter Calibration certificates)

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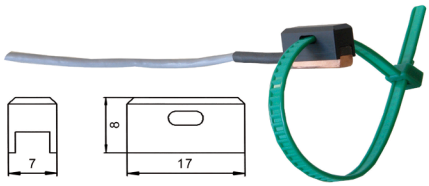
NTC sensor FNA 611



For surface measurement

Meas. element: NTC *
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

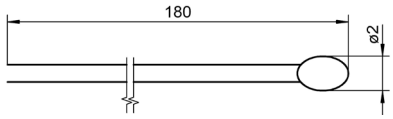


Meas. element: NTC*
Measuring tip: Sensor element, unprotected
Operative range: -20...+100°C
Connection wires: appr. 180 mm, fluoropolymer insulation
Connecting cable: 2 meters, PVC, thin stranded pick-up wire, Operative range -10 to +90 °C
Cable juncture, in shrink-fit

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

Meas. element: NTC *
Measuring tip: Operative range -20...+100 °C
Sensor
Connection wires 180 mm, fluoropolymer insulation

Sensor **Order no. FN0001**

* For general technical data, see page 07.03

DAkkS / DKD or factory calibration KT90xx temperature for sensor or measuring chain (sensor + device) (see chapter Calibration certificates)

10/2013 • We reserve the right to make technical changes.