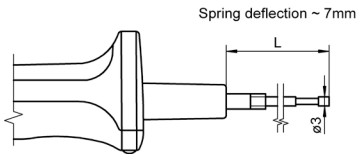
NiCr-Ni sensor with handle FTA 120x

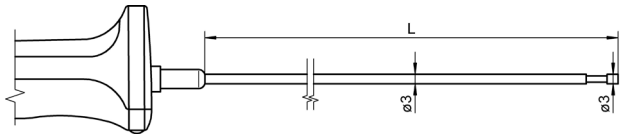


For surface measurement and immersion measurement

Meas. element: NiCr-Ni class 1 *
Measuring tip: Operative range -200...+400 °C
Silver rivet, level, spring-loaded,
not electrically isolated
T_{90}: * 3 s
Handle: * 138 mm
Cable: 1.5 m PVC

L = 30 mm **Order no. FTA1201**
L = 150 mm **Order no. FTA1202**

NiCr-Ni sensor with handle FTA 122 LxxxxH

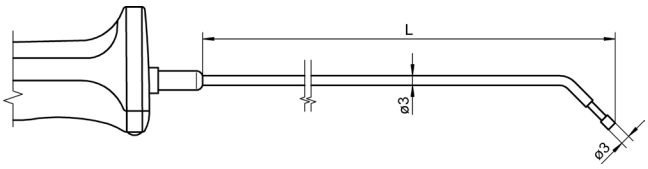


For surface measurement and immersion measurement

Meas. element: NiCr-Ni class 1 *
Measuring tip: Operative range -200...+400 °C
Silver rivet, level, not electr. isolated
T_{90}: * 3 s
Handle: * 127 mm
Cable: *new* 1.5 m FEP/silicone thermal line**

L = 50 mm **Order no. FTA122L0050H**
L = 100 mm **Order no. FTA122L0100H**
L = 200 mm **Order no. FTA122L0200H**

NiCr-Ni sensor with handle FTA 121 LxxxxH

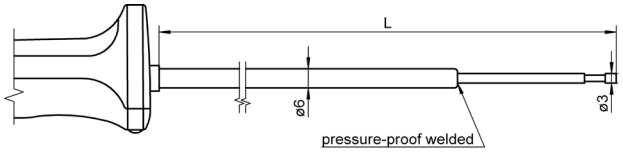


For surface measurement and immersion measurement

Meas. element: NiCr-Ni class 1 *
Measuring tip: Operative range -200...+400 °C
Silver rivet, level, angled,
not electrically isolated
T_{90}: * 3 s
Handle: * 127 mm
Cable: *new* 1.5 m FEP/silicone thermal line**

L = approx. 50 mm **Order no. FTA121L0050H**
L = approx. 200 mm **Order no. FTA121L0200H**

NiCr-Ni sensor with handle FTA 150 LxxxxH



For surface measurement and immersion measurement

Meas. element: NiCr-Ni class 1 *
Measuring tip: Operative range -200...+800 °C
(for brief periods1000°C)
Stainless-steel rivet, level,
electrically isolated
T_{90}: * 3 s
Handle: * 127 mm
Cable: *neu:* 1.5 m FEP/silicone thermal line**

L = 350 mm **Order no. FTA150L0350H**
L = 700 mm **Order no. FTA150L0700H**
L = 1250 mm **Order no. FTA150L1250H**

* For general technical data, see page 07.03.
** There is no adverse temperature effect at the juncture from measuring element to cable. 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.

Temperature

NiCr-Ni sensor FTA 109 P



For surface measurement

Meas. element: NiCr-Ni class 2 *
Measuring tip: Operative range -50...+500 °C
Thermal ribbon, not electr. isolated
Measuring head approx. 15 mm diameter
T_{90}: * 1 s
Cable: approx. 1.5 m PVC

L = approx. 180 mm **Order no. FTA109P**
Sensor with handle **Order no. FTA109PH**
(No variants available)

NiCr-Ni sensor FTA 104 P

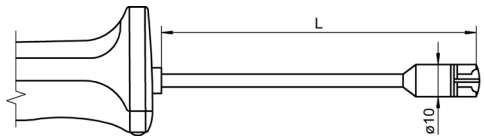


For surface measurement

Meas. element: NiCr-Ni class 2 *
Measuring tip: Operative range -50...+500 °C
Thermal ribbon, not electr. isolated
Measuring head approx. 15 mm diameter
T_{90}: * 1 s
Cable: approx. 1.5 m PVC

L = approx. 180 mm,
with 90° angle, approx. 50 mm **Order no. FTA104P**
Sensor with handle **Order no. FTA104PH**
(No variants available)

NiCr-Ni sensor with handle FTA 153 LxxxxH

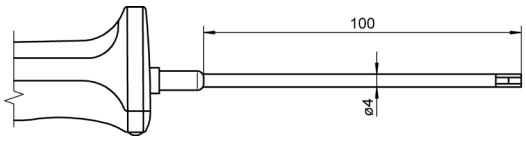


For surface measurement

Meas. element: NiCr-Ni class 2 *
Measuring tip: Operative range -200...+250 °C
Thermal ribbon, crossed,
not electrically isolated
T_{90}: * 1.5 s
Handle: * 127 mm
Cable: 1.5 m PVC

L = 100 mm **Order no. FTA153L0100H**
L = appr. 180 mm angled 45°, 160/50mm
Order no. FTA1533L0180H

NiCr-Ni sensor with handle FTA 1535 LxxxxH



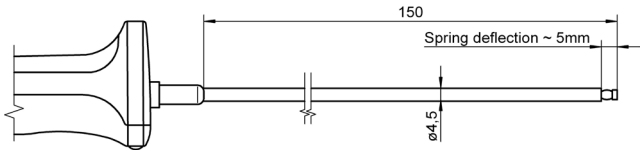
For surface measurement

Meas. element: NiCr-Ni class 2 *
Measuring tip: Operative range -200...+250 °C
Thermal ribbon, not electr. isolated
T_{90}: * 2 s
Handle: * 127 mm
Cable: 1.5 m PVC

L = 100 mm **Order no. FTA1535L0100H**

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

NiCr-Ni sensor with handle FTA 420 LxxxxH



For surface measurement on level, metallic surfaces

Meas. element:	NiCr-Ni Class 1 *
Measuring tip:	Operative range -50...+500 °C Silver disc, spring-loaded, not electrically isolated
T_{90}: *	2 s
Handle: *	127 mm
Cable:	1.5 m PVC

L = 150 mm **Order no. FTA420L0150H**

NiCr-Ni sensor with handle FTA 102P



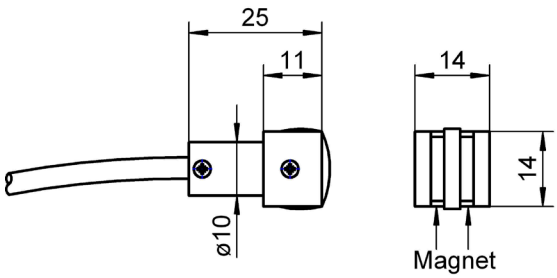
For surface measurement

Meas. element:	NiCr-Ni Class 2*
Measuring tip:	Operative range -50 to +400°C Meas. tip flat, approx. 7 x 40 mm Thermal ribbon, not electr. isolated
T_{90}:*	2 s
Plastic ring	After approx. 65 mm (sensor tip up to ring), fixture for protective cap used for transport purposes
Handle	Small plastic handle
Cable	Retractile cable PVC, approx. 1 m

L = approx. 130 mm
(No variants available) **Order no. FTA102P**

* For general technical data, see page 07.03

NiCr-Ni sensor FTA 025 P



Magnet sensor for surface measurement

Meas. element:	NiCr-Ni Class 2 *
Measuring tip:	Operative range -50...+300 °C Thermal ribbon, not electr. isolated Fastened by magnet
T_{90}: *	1.5 s
Cable:	approx. 2 m PVC

Magnet sensor
(No variants available) **Order no. FTA025P**



Magnet sensor with Velcro fastener e.g. for pipework

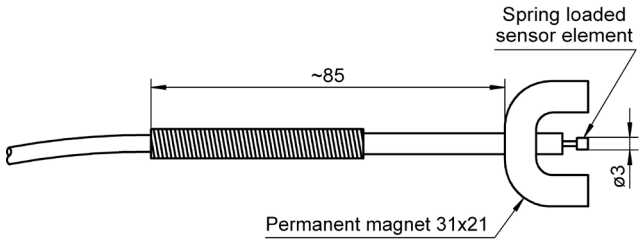
Klettband:	approx. 400 mm, for pipe diameter appr. 10 to 75 mm
Operating range:	-10 ... +110 °C mounted on sensor tip

Magnet sensor, including Velcro fastener
Order no. FTA025PKB

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.

NiCr-Ni sensor FTA 131

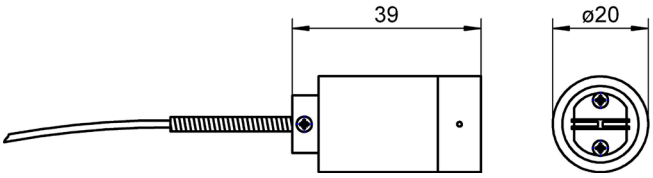


Magnet sensor For surface measurement

Meas. element: NiCr-Ni Class 2 *
Measuring tip: Operative range -50...+100 °C
Silver rivet, level, spring-loaded,
not electrically isolated
Fastened by magnet
T_{90}: * 3 s
Cable: 3 m FEP/silicone

Magnet sensor **Order no. FTA131**

NiCr-Ni sensor FTA 026 P

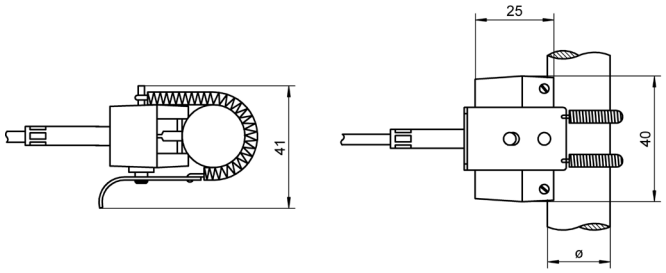


For surface measurement

Meas. element: NiCr-Ni Class 1 *
Measuring tip: Operative range -50...+300 °C
Thermal ribbon,
not electrically isolated
T_{90}: * 1.5 s
Cable: approx. 0.9 m line, fabric insulation

Ribbon sensor **Order no. FTA026P**
(No variants available)

NiCr-Ni sensor FTA 8068

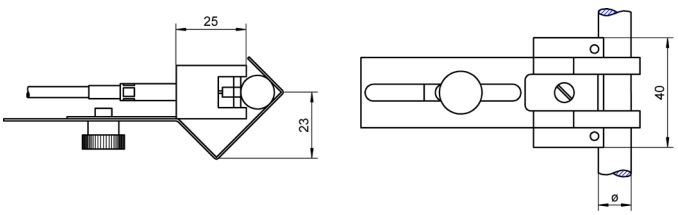


For surface measurement on pipes

Meas. element: NiCr-Ni Class 2 *
Measuring tip: Operative range -50...+120 °C
Thermal ribbon, not electr. isolated
Fastened by pipe clamp
(spring-loaded)
T_{90}: * 3 s
Pipe diameter: 12...25 mm
Cable: 1.2 m PVC

Pipe clamp sensor **Order no. FTA8068**

NiCr-Ni sensor FTA 8069



For surface measurement on pipes

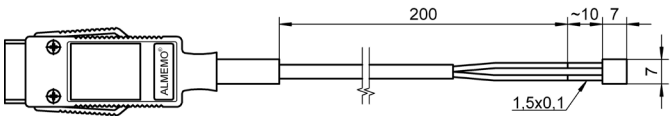
Meas. element: NiCr-Ni Class 2 *
Measuring tip: Operative range -50...+120 °C
Thermal ribbon, not electr. isolated
Fastened by pipe clamp
T_{90}: * 3 s
Pipe diameter: 12...30 mm
Cable: 1.2 m PVC

Pipe clamp sensor **Order no. FTA8069**

* 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)

NiCr-Ni film thermocouple FTA 683



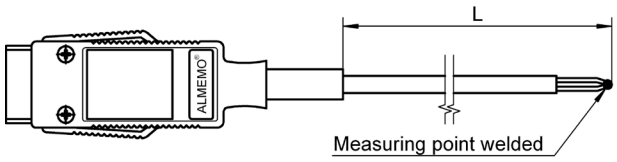
For surface measurement

Meas. element: NiCr-Ni Class 2*
Measuring tip: Operative range -100 to +200°C
Folie, Insulation Kresol
T_{90}: * 2 s

new With permanently connected FEP / silicone thermal line (stranded wire)**
-50 to +200°C, 2 meters, with ALMEMO® connector
Order no. FTA683

Measuring element without cable, free ends
(for your own sensors) **Order no. FT0683**

NiCr-Ni sensor FTA 390 x



For surface measurement

Meas. element: NiCr-Ni Class 2 *
Measuring tip: Thermowire, welded,
not electrically isolated
T_{90}: * 3 s
Wire: 1.5 m

Insulation, glass fiber,
Operative range -25...+400 °C **Order no. FTA3900**
Insulation FEP,
Operative range -200...+205 °C **Order no. FTA39010**

* For general technical data, see page 07.03.
** There is no adverse temperature effect at the juncture from measuring element to cable. see page 07.03

Digital infra-red sensor for measuring surface temperature FIAD43



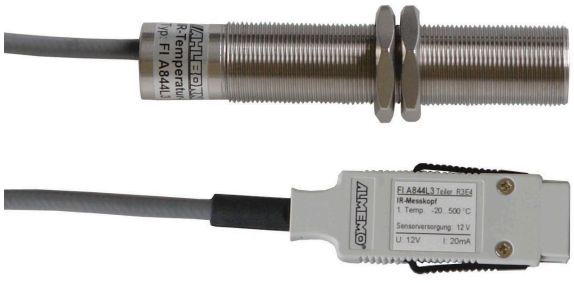
Operative range: -40...600 °C,
Miniature probe head, with cable and ALMEMO® D6 plug
and 1 mounting nut

Cable length = 1 m **Order no. FIAD4332**
Cable length = 3 m **Order no. FIAD4332L3**

For technical data, see page 07.34

DAkkS / DKD or factory calibration KI9xxx temperature for digital sensor (see chapter Calibration certificates)

Compact infra-red probe head FIA844



Operative range: -20...500 °C,
Probe head, with cable and ALMEMO® plug
and 2 mounting nuts

Cable length = 1 m **Order no. FIA844**
Cable length = 3 m **Order no. FIA844L3**

For technical data, see page 07.36

Factory calibration KI9xxx temperature for sensor (see chapter Calibration certificates)

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.