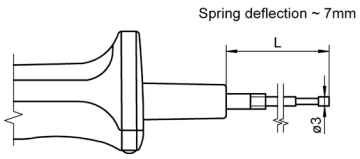
NiCr-Ni sensor with handle FTA 120x

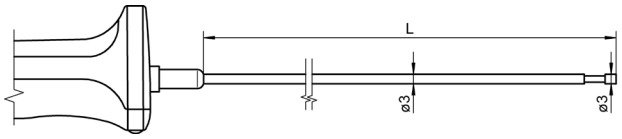


For surface measurement and immersion measurement

Accuracy:	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

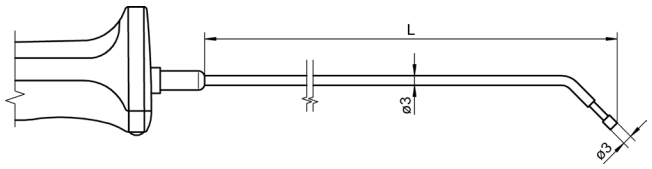


For surface measurement and immersion measurement

Accuracy:	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:	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

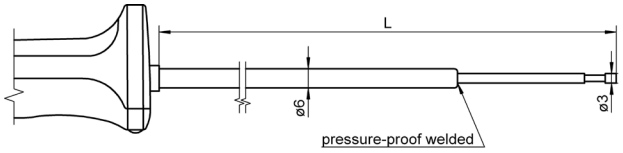


For surface measurement and immersion measurement

Accuracy:	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:	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

Accuracy:	NiCr-Ni class 1*
Measuring tip:	Operative range -200...+800 °C Stainless-steel rivet, level, electrically isolated
T_{90}*:	3 s
Handle*:	127 mm
Cable:	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**

* Range of validity see beginning of chapter
** There is no adverse temperature effect at the juncture from measuring element to cable. See beginning of chapter

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

NiCr-Ni sensor FTA 109 P



For surface measurement

Accuracy:	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:	1.5 m FEP/silicone thermal line**

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

Calibratable up to 200 °C

NiCr-Ni sensor FTA 104 P



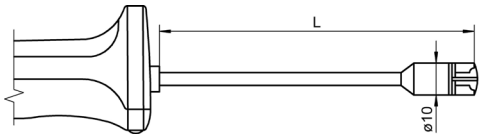
For surface measurement

Accuracy:	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:	1.5 m FEP/silicone thermal line**

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

Calibratable up to 200 °C

NiCr-Ni sensor with handle FTA 153 LxxxxH

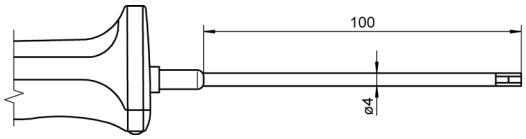


For surface measurement

Accuracy:	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**

NiCr-Ni sensor with handle FTA 1535 LxxxxH



For surface measurement

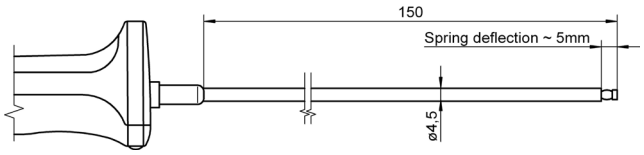
Accuracy:	NiCr-Ni class 2*
Measuring tip:	Operative range -200...+250 °C Thermal ribbon, not electr. isolated
T_{90}*:	2 s
Handle*:	127 mm
Cable:	1.5 m PVC

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

* Range of validity see beginning of chapter
** There is no adverse temperature effect at the juncture from measuring element to cable. See beginning of chapter

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

NiCr-Ni sensor with handle FTA 420 LxxxxH

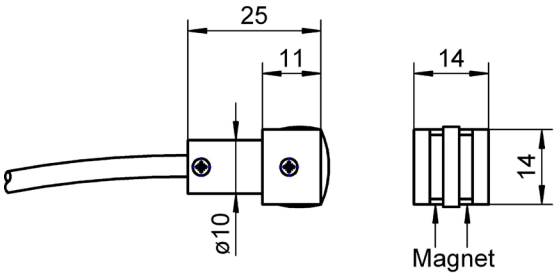


For surface measurement on level surfaces

Accuracy:	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 FEP/silicone thermal line**

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

NiCr-Ni sensor FTA 025 P



Magnet sensor for surface measurement

Accuracy:	NiCr-Ni class 2*
Measuring tip:	Operative range -50...+250 °C Thermal ribbon, not electr. isolated Fastened by magnet
T_{90}*:	1.5 s
Cable:	2 m silicone thermal line**

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



Magnet sensor with Velcro fastener e.g. for pipework

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

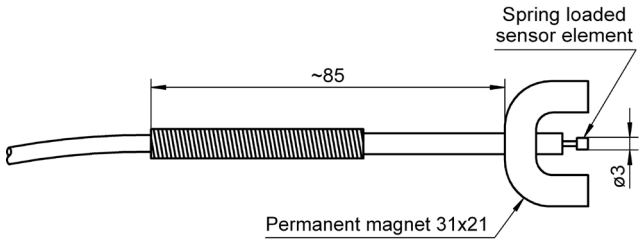
Magnet sensor, including Velcro fastener
Order no. FTA025PKB

* Range of validity see beginning of chapter
** There is no adverse temperature effect at the juncture from measuring element to cable. See beginning of chapter

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

11/2025 • We reserve the right to make technical changes.

NiCr-Ni sensor FTA 131

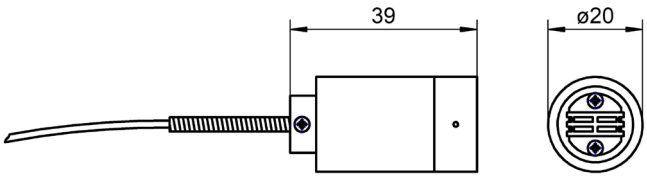


Magnet sensor for surface measurement

Accuracy:	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

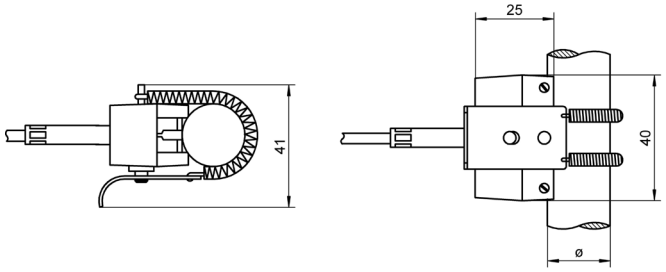


For surface measurement

Accuracy:	NiCr-Ni class 1*
Measuring tip:	Operative range -50...+250 °C Thermal ribbon, not electrically isolated
T_{90}*:	1.5 s
Cable:	0.9 m line, PTFE compensating cable

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

NiCr-Ni sensor FTA 8068



For surface measurement on pipes

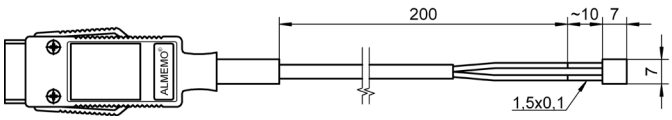
Accuracy:	NiCr-Ni class 2*
Measuring tip:	Operative range -50...+120 °C Thermal ribbon, not electr. isolated Fastened by pipe clamp (spring-loaded)
T_{90}*:	3 s
Pipe diameter:	12...25 mm
Cable:	1.2 m PVC

Pipe clamp sensor **Order no. FTA8068**

* Range of validity see beginning of chapter

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

NiCr-Ni film thermocouple FTA 683

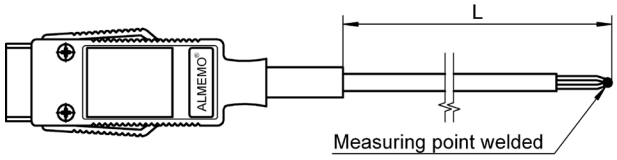


For surface measurement

Accuracy: NiCr-Ni class 2*
Measuring tip: Operative range -100 to +200 °C
Foil, Insulation Kresol
T_{90}*: 2 s

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

Accuracy: 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...+350 °C (short time up to 400 °C)
Order no. FTA3900
Insulation FEP,
Operative range -200...+205 °C **Order no. FTA39010**

* Range of validity see beginning of chapter
** There is no adverse temperature effect at the juncture from measuring element to cable. See beginning of chapter

08/2026 • We reserve the right to make technical changes.

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