NiCr-Ni sensor with handle FTA 120x

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

For surface measurement and immersion measurement

Order no. FTA1201
Order no. FTA1202

NiCr-Ni sensor with handle FTA 122 LxxxxH

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**

For surface measurement and immersion measurement

Order no. FTA122L0050H
Order no. FTA122L0100H
Order no. FTA122L0200H

NiCr-Ni sensor with handle FTA 121 LxxxxH

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**

For surface measurement and immersion measurement

Order no. FTA121L0050H
Order no. FTA121L0200H

NiCr-Ni sensor with handle FTA 150 LxxxxH

Accuracy: NiCr-Ni class 1*
Measuring tip: Operative range -200...+400 °C
Stainless-steel rivet, level, spring-loaded, not electrically isolated
$T_{90^*}$: 3 s
Handle: * 127 mm
Cable: 1.5 m FEP/silicone thermal line**

For surface measurement and immersion measurement

Order no. FTA150L0350H
Order no. FTA150L0700H
Order no. FTA150L1250H

* Range of validity see page 07.03
** There is no adverse temperature effect at the juncture from measuring element to cable. 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.
NiCr-Ni sensor FTA 109 P

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**

For surface measurement

L = approx. 180 mm
Sensor with handle
(No variants available)

Order no. FTA109P
Order no. FTA109PH

NiCr-Ni sensor FTA 104 P

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**

For surface measurement

L = approx. 180 mm,
with 90° angle, approx. 50 mm
Sensor with handle
(No variants available)

Order no. FTA104P
Order no. FTA104PH

NiCr-Ni sensor with handle FTA 153 LxxxxH

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

For surface measurement

L = 100 mm
Order no. FTA153L0100H

NiCr-Ni sensor with handle FTA 1535 LxxxxH

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

For surface measurement

L = 100 mm
Order no. FTA1535L0100H

* Range of validity see page 07.03
** There is no adverse temperature effect at the juncture from measuring element to cable. 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.
**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
T₉₀°: * 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...+300 °C
Thermal ribbon, not electr. isolated
Fastened by magnet
T₉₀°: * 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**

* Range of validity see page 07.03
** There is no adverse temperature effect at the juncture from measuring element to cable. 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.
Temperature

NiCr-Ni sensor FTA 131

- 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
For surface measurement

Order no. FTA131

NiCr-Ni sensor FTA 026 P

- Accuracy: 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
(No variants available)

Order no. FTA026P

NiCr-Ni sensor FTA 8068

- 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

For surface measurement on pipes

* 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.
Temperature

NiCr-Ni film thermocouple FTA 683

Accuracy: NiCr-Ni class 2*
Measuring tip: Operative range -100 to +200°C
Folie, Insulation Kresol

Order no. FTA683

NiCr-Ni sensor FTA 390 x

Accuracy: NiCr-Ni class 2*
Measuring tip: Thermowire, welded, not electrically isolated

Order no. FTA3900

Order no. FTA39010

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

Order no. FIAD4332

Order no. FIAD4332L3

Compact infra-red probe head FIA844

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

Order no. FIA844

Order no. FIA844L3

For technical data, see page 07.34

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

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.

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