

## TYPE K - MEASURING PROBE (NICR-NI) WITH DIN-TYPE FLAT-PIN PLUG

## Accuracy Thermocouples:

Sensor accuracy acc. to DIN EN 60584-1:2014-07

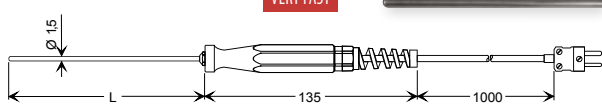
**Class 1 for Type K:**  $\pm 1.5^\circ\text{C}$  at range  $-40 \dots +375^\circ\text{C}$ **Class 1 for Type N:**  $\pm 1.5^\circ\text{C}$  at range  $-40 \dots +375^\circ\text{C}$ **Class 1 for Type S:**  $\pm 1^\circ\text{C}$  at range  $0 \dots 1100^\circ\text{C}$ **basic fee for custom made probe****basic fee for custom made probe GF1TK / GF2TK / GF3TK****We reserve the right to a minimum quantity surcharge for custom-made items**

## GTF 400

 $\frac{-65^\circ\text{C}}{+550^\circ\text{C}}$ 

Art. no. 600502

Immersion probe for liquids / gases

 $-65 \dots +550^\circ\text{C}$ 

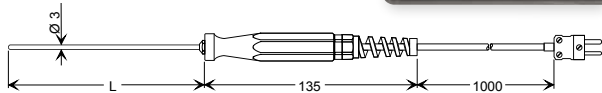
inexpensive, fast, elastic (rigid)  
non-corrosive V4A tube  $\varnothing 1,5$  mm,  $L=130$  mm, plastic handle, anti-buckling glanding, 1 m silicone cable, miniature flat plug

**Response time  $T_{90}$ :** water  $0.4$  m/s  $< 1$  s

## GTF 900

 $\frac{-65^\circ\text{C}}{+1000^\circ\text{C}}$ 

Art. no. 600505

Immersion probe for liquids / gases up to  $1000^\circ\text{C}$  $-65 \dots +1000^\circ\text{C}$ 

inexpensive, elastic (rigid)  
non-corrosive V4A tube  $\varnothing 3$  mm,  $L=130$  mm, plastic handle, anti-buckling glanding, 1 m silicone cable, miniature flat plug

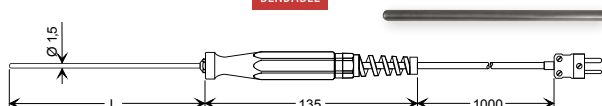
**Response time  $T_{90}$ :** water  $0.4$  m/s  $< 2$  s, air  $2$  m/s approx.  $40$  s

## GTF 1200

 $\frac{-200^\circ\text{C}}{+1150^\circ\text{C}}$ 

Art. no. 600507

Immersion probe with sheathed thermocouple, for highest temperatures

 $-200 \dots +1150^\circ\text{C}$ 

Inconel 600 jacket tube  $\varnothing 1.5$  mm, flexible,  $L=150$  mm, plastic handle, anti-buckling glanding, 1 m silicone cable, miniature flat plug

**Response time  $T_{90}$ :** water  $0.4$  m/s approx.  $3$  s

## GTF 1200/300

 $\frac{-200^\circ\text{C}}{+1150^\circ\text{C}}$ 

Art. no. 600510

Immersion probe with sheathed thermocouple, for highest temperatures

 $-200 \dots +1150^\circ\text{C}$ 

Inconel 600 jacket tube  $\varnothing 3$  mm, flexible,  $L=300$  mm, plastic handle, anti-buckling glanding, 1 m silicone cable, miniature flat plug

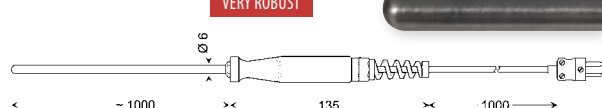
**Response time  $T_{90}$ :** water  $0.4$  m/s approx.  $5$  s

## GTF 1000 AL

 $\frac{-200^\circ\text{C}}{+1000^\circ\text{C}}$ 

Art. no. 600512

Immersion probe, sheathed thermocouple for aluminum smelting etc.

 $-200 \dots +1000^\circ\text{C}$ 

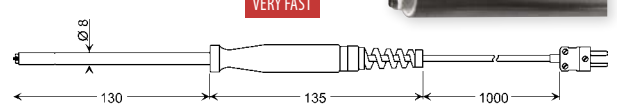
for aluminium melt, non-ferrous metal, etc.  
V4A tube  $\varnothing 6 \times 1.4$  mm,  $L=1000$  mm rigid, additional internal mantle thermocouple, plastic handle, anti-buckling glanding, 1 m silicone cable, miniature flat plug

**Response time  $T_{90}$ :** water  $0.4$  m/s approx.  $30$  s $\frac{-65^\circ\text{C}}{+900^\circ\text{C}}$ 

## GOF 130

Art. no. 600490

Surface probe with type K coil spring

 $-65 \dots +900^\circ\text{C}$ 

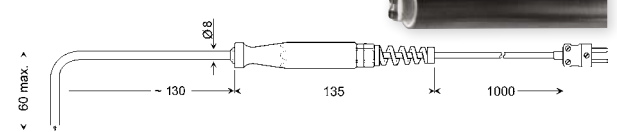
for any solid surface;  
2 laser welded NiCr-Ni resilient springs, V4A-tube  $\varnothing 8$  mm, plastic handle, anti-buckling glanding, 1 m silicone cable, miniature flat plug

**Response time  $T_{90}$ :** approx.  $5$  s $\frac{-65^\circ\text{C}}{+900^\circ\text{C}}$ 

## GOF 900 HO

Art. no. 600500

Surface probe with type K coil spring, gebogen

 $-65 \dots +900^\circ\text{C}$ 

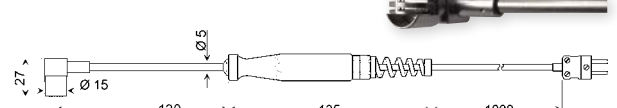
for any solid surface  
2 laser welded NiCr-Ni resilient springs, bendable V4A-tube, plastic handle, anti-buckling glanding, 1 m silicone cable, miniature flat plug

**Response time  $T_{90}$ :** approx.  $5$  s $\frac{-65^\circ\text{C}}{+400^\circ\text{C}}$ 

## GOF 200 HO

Art. no. 600492

Surface probe with tc spring, fast, angled

 $-65 \dots +400^\circ\text{C}$ 

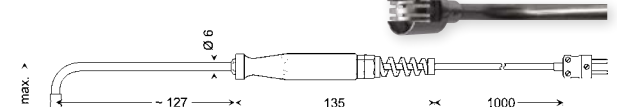
for fastest measurements in small gaps  
Small elbow-type, flexible thermocouple tapes, plastic handle, anti-buckling glanding, 1 m silicone cable, miniature flat plug

**Response time  $T_{90}$ :** approx.  $2$  s $\frac{-65^\circ\text{C}}{+400^\circ\text{C}}$ 

## GOF 400 HO

Art. no. 600494

Surface probe with tc spring, fast, angled

 $-65 \dots +400^\circ\text{C}$ 

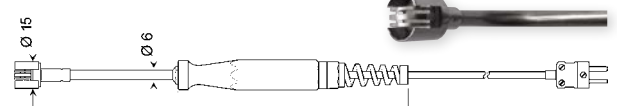
for fastest measurements  
Small elbow-type, flexible thermocouple tapes, plastic handle, anti-buckling glanding, 1 m silicone cable, miniature flat plug

**Response time  $T_{90}$ :** approx.  $2$  s $\frac{-65^\circ\text{C}}{+400^\circ\text{C}}$ 

## GOF 400 VE

Art. no. 600496

Surface probe with tc spring, fast

 $-65 \dots +400^\circ\text{C}$ 

for fastest measurements, flexible thermocouple tapes, plastic handle, anti-buckling glanding, 1 m silicone cable, miniature flat plug

**Response time  $T_{90}$ :** approx.  $2$  s

## MH 400VE

Art. no. 607502

Magnet holder, heat resistant up to  $100^\circ\text{C}$ 

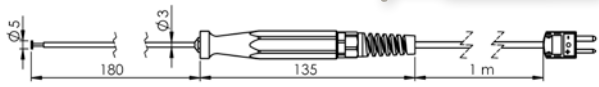
TYPE K - MEASURING PROBE (NICR-NI) WITH DIN-TYPE FLAT-PIN PLUG

-65 °C  
+500 °C

**GOF 501**

Art. no. 475077

Surface probe for solid with silver measuring surface  
-65 ... +500 °C



for any straight and solid surface; fixed silver plate, plastic handle, anti-buckling glanding, 1 m silicone cable, miniature flat plug

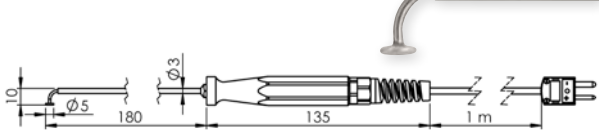
**Response time T<sub>90</sub>:** approx. 3 s

-65 °C  
+500 °C

**GOF 501 HO**

Art. no. 475072

Surface probe with silver measuring surface, angled  
-65 ... +500 °C



for any straight and solid surface, small elbow-type, fixed silver plate, plastic handle, anti-buckling glanding, 1 m silicone cable, miniature flat plug

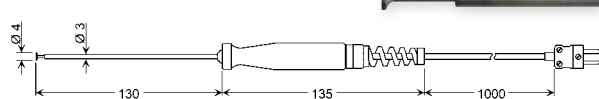
**Response time T<sub>90</sub>:** approx. 3 s

-65 °C  
+500 °C

**GOF 130 CU**

Art. no. 600486

Surface probe for solid surfaces, fast  
-65 ... +500 °C



for any straight and solid surface  
Spring-loaded copper plate, plastic handle, anti-buckling glanding, 1 m silicone cable, miniature flat plug

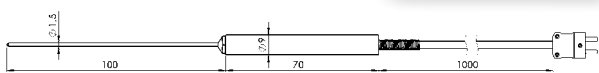
**Response time T<sub>90</sub>:** approx. 5 s

-65 °C  
+550 °C

**GES 20-K**

Art. no. 602591

Core temperature- / food probe with compact teflon handle  
-65 ... +550 °C



Use for canteen kitchen, bakeries, butcher's shops, etc.  
V4A tube with Ø 1.5 mm slim insertion tip, small Teflon handle, stainless steel kink protection, 1 m Teflon cable, miniature flat plug

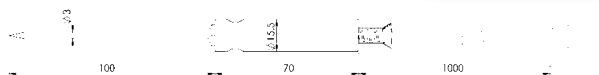
**Response time T<sub>90</sub>:** water 0.4 m/s < 1 s, air 2 m/s approx. 12 s

-50 °C  
+250 °C

**GES 21-K**

Art. no. 600074

Core temperature- / food probe  
-50 ... +250 °C, potential free



Use for canteen kitchen, bakeries, butcher's shops, etc.  
V4A tube Ø 3 mm with needle-shaped insertion tip, big white teflon handle, stainless steel kink protection, 1 m Teflon cable, miniature flat plug

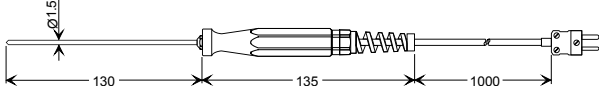
**Response time T<sub>90</sub>:** water 0.4 m/s < 2 s, air 2 m/s approx. 40 s

-65 °C  
+550 °C

**GES 130**

Art. no. 600514

Insertion probe for soft media  
-65 ... +550 °C



V4A tube with Ø 1.5 mm slim insertion tip, plastic handle, anti-buckling glanding, 1 m silicone cable, miniature flat plug

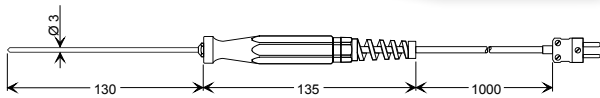
**Response time T<sub>90</sub>:** water 0.4 m/s approx. 1 s, air 2 m/s approx. 1.5 s

-65 °C  
+550 °C

**GES 500**

Art. no. 600516

Insertion probe for soft media  
-65 ... +550 °C



V4A tube with Ø 3 mm with needle-shaped insertion tip, plastic handle, anti-buckling glanding, 1 m silicone cable, miniature flat plug

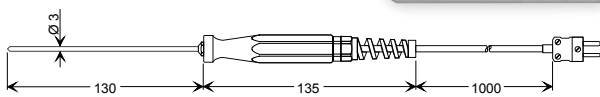
**Response time T<sub>90</sub>:** water 0.4 m/s < 2 s

-65 °C  
+1000 °C

**GES 900**

Art. no. 600518

Insertion probe for soft media  
-65 ... +1000 °C



Spring-loaded V4A tube with slim Ø 3 mm insertion tip, plastic handle, anti-buckling glanding, 1 m silicone cable, miniature flat plug

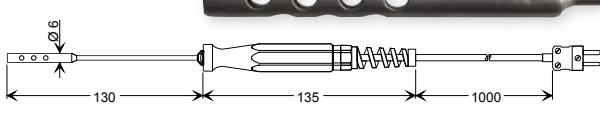
**Response time T<sub>90</sub>:** water 0.4 m/s approx. 5 s

-65 °C  
+600 °C

**GTL 130**

Art. no. 602304

Air / gas probe  
-65 ... +600 °C



for room temperature, flue gases, etc.  
perforated V4A protective tube, fused thermocouple wires arranged behind, plastic handle, anti-buckling glanding, 1 m silicone cable, miniature flat plug

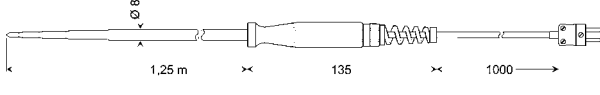
**Response time T<sub>90</sub>:** air 2 m/s approx. 15 s

-65 °C  
+200 °C

**GKF 125**

Art. no. 600520

Probe for compost, grain  
-65 ... +200 °C



split-second response time, yet highly resilient  
V4A tube Ø 8 mm reduced to Ø 3 mm at the front, plastic handle, anti-buckling glanding, 1 m silicone cable, miniature flat plug

**Response time T<sub>90</sub>:** water 0.4 m/s approx. 6 s

-50 °C  
+250 °C

**GTF 40 K-620**

Art. no. 610829

Stainless steel insertion probe, t-handle  
-50 ... +250 °C, Type K, class 1, FL 620 mm

**GTF 40 K-1000**

Art. no. 475184

Stainless steel insertion probe, t-handle  
-50 ... +250 °C, Type K, class 1, FL 1000 mm

**GTF 40 K-1500**

Art. no. 475185

Stainless steel insertion probe, t-handle  
-50 ... +250 °C, Type K, class 1, FL 1500 mm



Stainless steel tube with 10 mm diameter and insertion tip, robust and ergonomic stainless steel T-handle, anti-buckling glanding, 1 m silicone cable, miniature flat plug

**Response time T<sub>90</sub>:** water 0.4 m/s approx. 6 s

HANDHELD INSTRUMENTS

SOFTWARE

ACCESSORIES

ALARM / PROTECTION, LEVEL