

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**

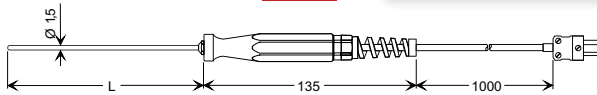
GTF 400

Art. no. 600502

Immersion probe for liquids / gases

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

VERY FAST

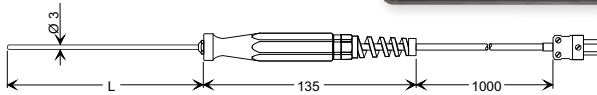


inexpensive, fast, elastic (rigid)
non-corrosive V4A tube $\varnothing 1,5$ mm, $L=130$ mm, plastic handle, anti-buckling glanding, 1 m silicone cable, miniature flat plug

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

GTF 900

Art. no. 600505

Immersion probe for liquids / gases up to 1000°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

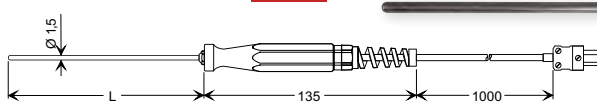
GTF 1200

Art. no. 600507

Immersion probe with sheathed thermocouple, for highest temperatures

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

BENDABLE



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

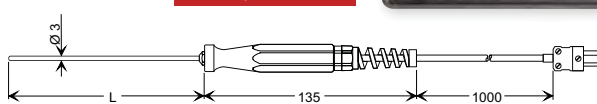
GTF 1200/300

Art. no. 600510

Immersion probe with sheathed thermocouple, for highest temperatures

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

BENDABLE, POTENTIAL FREE



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

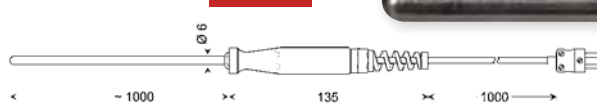
GTF 1000 AL

Art. no. 600512

Immersion probe, sheathed thermocouple for aluminum smelting etc.

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

VERY ROBUST



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 -65°C
 $+900^\circ\text{C}$

GOF 130

Art. no. 600490

Surface probe with type K coil spring

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

VERY FAST



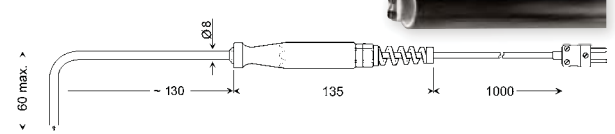
for any solid surface;
2 laser welded NiCr-Ni resilient springs, V4A-tube $\varnothing 8$ mm, plastic handle, anti-buckling glanding, 1 m silicone cable, miniature flat plug

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

GOF 900 HO

Art. no. 600500

Surface probe with type K coil spring, gebogen

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

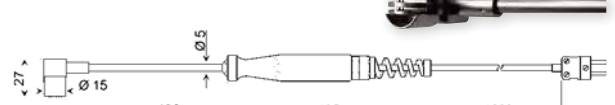
for any solid surface
2 laser welded NiCr-Ni resilient springs, bendable V4A-tube, plastic handle, anti-buckling glanding, 1 m silicone cable, miniature flat plug

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

GOF 200 HO

Art. no. 600492

Surface probe with tc spring, fast, angled

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

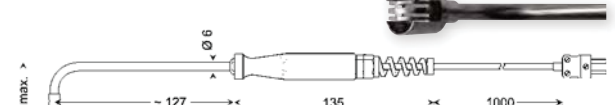
for fastest measurements in small gaps
Small elbow-type, flexible thermocouple tapes, plastic handle, anti-buckling glanding, 1 m silicone cable, miniature flat plug

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

GOF 400 HO

Art. no. 600494

Surface probe with tc spring, fast, angled

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

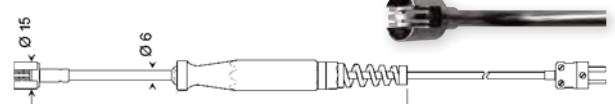
for fastest measurements
Small elbow-type, flexible thermocouple tapes, plastic handle, anti-buckling glanding, 1 m silicone cable, miniature flat plug

Response time T_{90} : approx. 2 s -65°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°C 