

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

ACCURACIES THERMOCOUPLES:

Sensor accuracy according to DIN EN 60584-1: 2014-07
Class 1 for type K: ± 1.5 °C in the range -40 .. + 375 °C
Class 1 for type N: ± 1.5 °C in the range -40 .. + 375 °C
Class 1 for type S: ± 1 °C in the range 0..1100 °C

SURCHARGES FOR SPECIAL DESIGNS:
 (DESIGN-RELATED VARIATIONS ARE AVAILABLE)

Longer sensor tube
 Surcharge for each additional 100 mm or part thereof
Longer sensor cable (silicone)
 Surcharge for each additional 1 m started
Spiral cable, approx. 1.5 m stretched PUR
other sensor cable material on request. sensor tube with teflon shrinkage
 (for temperature sensors up to 200 mm)
 (for measurements in acids and sea water. max.measuring range = 250 °C)
Sensor handle waterproof encapsulated
 (only possible with PVC cable -20 .. + 105 °C)
Higher sensor accuracy:
 DIN class AA, for Pt1000, tolerances: 0.1 °C at 0 °C
Higher sensor accuracy:
 1/10 DIN class B, for Pt100 sensors, tolerances: 0.03 °C at 0 °C
Handling fee for custom-made products
Handling fee for custom-made GF1TK/GF2TK/GF3TK
 We reserve the right to charge a minimum order surcharge for custom-made products.

GTF 400
 Item No. 600502
 Immersion sensor for liquids/gases
 -65 .. + 550 °C

VERY FAST

inexpensive, fast, resilient (rigid)
 Corrosion-resistant V4A pipe Ø 1.5 mm, L = 130 mm, plastic handle, anti-kink screw connection, 1 m silicone cable, mini flat plug
Response time T₉₀: Water 0.4 m/s < 1 s

GTF 900
 Item No. 600505
 Immersion sensor for liquids/gases up to 1000 °C
 -65 .. + 1000 °C

inexpensive, resilient (rigid)
 Corrosion-resistant V4A pipe Ø 3 mm, L = 130 mm, plastic handle, anti-kink screw connection, 1 m silicone cable, mini flat plug
Response time T₉₀: Water 0.4 m/s < 2 s, air 2 m/s approx. 40 s

GTF 1200
 Item No. 600507
 Immersion sensor with sheathed thermocouple for highest temperatures
 -200 .. + 1150 °C

BENDABLE

Inconel 600 sheathed tube Ø 1.5 mm, bendable, L = 150 mm, plastic handle, anti-kink screw connection, 1 m silicone cable, mini flat plug
Response time T₉₀: Water 0.4 m/s approx. 3 s

GTF 1200/300
 Item No. 600510
 Immersion sensor with sheathed thermocouple for highest temperatures
 -200 .. + 1150 °C

BENDABLE, POTENTIAL-FREE

Inconel 600 sheathed tube Ø 3 mm, bendable, L = 300 mm, plastic handle, anti-buckling glanding, 1 m silicone cable, mini flat plug
Response time T₉₀: Water 0.4 m/s approx. 5 s

GTF 1000 AL
 Item No. 600512
 Immersion sensor with sheathed thermocouple for aluminum melt, etc.
 -200 .. + 1000 °C

VERY ROBUST

for aluminum melt, non-ferrous metals, etc.
 GTF1000AL is suitable for short measurements in molten aluminum.
 The wall thickness is reduced with each measurement (= wear)
 V4A tube Ø 6 x 1.4 mm, L = 1000 mm rigid, additional internal sheathed thermocouple, plastic handle, anti-kink screw connection, 1 m silicone cable, mini flat plug
Response time T₉₀: Water 0.4 m/s approx. 30 s

GOF 130
 Item No. 600490
 Surface probe with type K spiral spring
 -65 .. + 900 °C

VERY FAST

for solid surfaces of any kind; 2 laser-welded, resilient spiral springs made of NiCr-Ni, V4A tube Ø 8 mm, plastic handle, anti-buckling glanding, 1 m silicone cable, mini flat plug
Response time T₉₀: approx. 5 s

GOF 900 HO
 Item No. 600500
 Surface probe with type K spiral spring, curved
 -65 .. + 900 °C

for solid surfaces of any kind; 2 laser-welded, resilient spiral springs made of NiCr-Ni, V4A tube bent, plastic handle, anti-buckling glanding, 1 m silicone cable, mini flat plug
Response time T₉₀: approx. 5 s

GOF 200 HO
 Item No. 600492
 Surface probe with thermocouple spring strip, fast, angled
 -65 .. + 400 °C

for the fastest measurements at a limited height
 angled design, thermocouple spring strip, plastic handle, anti-buckling glanding, 1 m silicone cable, mini flat plug
Response time T₉₀: approx. 2 s