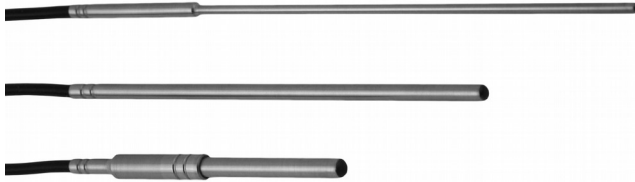


Product Information

Temperature probe

**Temperature Probe
GTF 101 K**



- NiCr-Ni (type K)
- With cable sleeve and cable (loose ends)
- Very robust

Characteristics

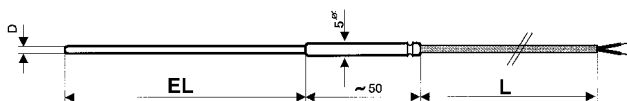
The GTF 101 is a temperature probe modified completely according to customer specifications. The GTF 101 is very robust and therefore especially suited for application at high permanent temperatures in air, gases liquids or aggressive environments.

The measurement is done by means of thermocouple wires (NiCr-Ni).

Technical data

- Sensor element** : NiCr-Ni (type K)
- Measuring range** : -200..+1150 °C
- Probe diameter D** : 0.5 mm, 1 mm, 1.5 mm, 3 mm, 6 mm
other diameters upon request
- Fitting length EL** : 150 mm, 250 mm, 500 mm, 1000 mm, 1500 mm, other fitting lengths possible
- Cable sleeve** : **for probe diameter D 0.5 mm, 1 mm, 1.5 mm, 3 mm:**
cable sleeve Ø 5 mm x 50 mm additional to fitting length
for probe diameter D 6 mm:
cable sleeve Ø 8 mm x 35 mm and diminution Ø 5 mm x 17 mm additional to fitting length
- Note:** : The temperature of the cable sleeve must not exceed the permitted temperature of the cable
- Accuracy** : class 1
- Tube material** : cable sleeve: V4A
probe tube: Inconel 600
- Cable** : 1 m silicone compensation line (std), loose ends
- PVC cable : up to max. 105 °C
- Silicone cable : up to max. 200 °C (standard)
- Teflon cable : up to max. 250 °C
- Glass silk cable : up to max. 400 °C

Dimensions



Ordering code

GTF101K - - - -

| | |
|--|---|
| 1. Probe diameter D | |
| D05 | 0.5 mm |
| D10 | 1.0 mm |
| D15 | 1.5 mm |
| D30 | 3.0 mm |
| D60 | 6.0 mm |
| Dxx | other Ø in mm (upon request) |
| 2. Fitting length EL | |
| 0150 | 150 mm |
| 0250 | 250 mm |
| 0500 | 500 mm |
| 1000 | 1000 mm |
| 1500 | 1500 mm |
| xxxx | any EL in mm (e.g.: 0100 = 100 mm) |
| 3. Cable length L | |
| L01 | 1 m (standard) |
| Lxx | desired length in m (e.g. L03 = 3 m) |
| 4. Cable material (compensation line) | |
| P | PVC cable up to max. 105 °C |
| S | silicone cable up to max. 200 °C (standard) |
| T | Teflon cable up to max. 250 °C |
| G | glass silk cable up to max. 400 °C |

Product Information

Temperature probe

**Temperatur Probe
GTF 101 K-OKH**

Ordering code



- NiCr-Ni (type K)
- With cable (loose ends)
- Very robust

Characteristics

The GTF 101 is a temperature probe modified completely according to customer specifications. The GTF 101 is very robust and therefore especially suited for application at high permanent temperatures in air, gases liquids or aggressive environments.

The measurement is done by means of thermocouple wires (NiCr-Ni).

Technical data

- Sensor element** : NiCr-Ni (type K)
- Measuring range MB**
 - MB 1 : -50..+200 °C
 - MB 2 : -50..+250 °C
 - MB 3 : -50..+400 °C
- Probe diameter D** : 3 mm, 4 mm, 5 mm, 6 mm, 8 mm
other diameters upon request
- Fitting length EL** : 50 mm, 100 mm (standard), 150 mm,
250 mm, 500 mm, 1000 mm, 1500 mm
other fitting lengths possible
- Accuracy** : class 1
- Tube material** : V4A
- Cable** : 1 m silicone compensation line (std),
loose ends
 - Silicone cable : up to max. 200 °C (standard)
 - Teflon cable : up to max. 250 °C
 - Glass silk cable : up to max. 400 °C

GTF101K-OKH - - - - -

| | |
|-----------------------------|---|
| 1. Measuring range | |
| MB1 | -50..+200 °C |
| MB2 | -50..+250 °C <i>only with Teflon or glass silk cable</i> |
| MB3 | -50..+400 °C <i>only with glass silk cable</i> |
| 2. Probe diameter D | |
| D30 | 3.0 mm <i>only with Teflon cable</i> |
| D40 | 4.0 mm <i>only with Teflon cable</i> |
| D50 | 5.0 mm |
| D60 | 6.0 mm |
| D80 | 8.0 mm |
| Dxx | other Ø in mm (upon request) |
| 3. Fitting length EL | |
| 0150 | 150 mm |
| 0250 | 250 mm |
| 0500 | 500 mm |
| 1000 | 1000 mm |
| 1500 | 1500 mm |
| xxxx | any EL in mm (e.g.: 0100 = 100 mm) |
| 4. Cable length L | |
| L01 | 1 m (standard) |
| Lxx | desired length in m (e.g. L03 = 3 m) |
| 5. Cable material | |
| S | silicone cable up to max. 200 °C (standard) |
| T | Teflon cable up to max. 250 °C |
| G | glass silk cable up to max. 400 °C |

Dimensions

