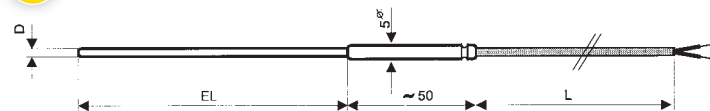


INDUSTRY - TEMPERATURE PROBE

**GTF 101 K**

Temperature probe

General:

The GTF 101 is a temperature probe that can be fully tailored according to customers' requirements. The robust GTF 101 is especially suited for applications at high permanent temperatures and pressures in air, gases or liquids. The temperature is measured with thermocouple wires (NiCr-Ni).

Specifications:

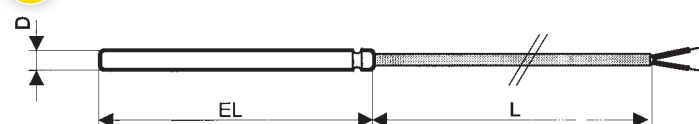
Sensor element:	NiCr-Ni (type K)
Measuring range:	-200 ... +1150 °C
Probe diameter D:	1.5 mm, 3 mm, 6 mm other diameters upon request
Cable sleeve:	for probe diameters D 0.5 mm, 1 mm, 1.5 mm, 3 mm: there is a cable sleeve Ø 5 mm x 50 mm in addition to the fitting length for probe diameters D 6 mm: there is a cable sleeve Ø 8 mm x 35 mm with taper to Ø 5 mm x 17 mm in addition to the fitting length Note: The temperature of the cable sleeve must not exceed the permitted temperature of the cable.
Accuracy:	class 1
Tube material:	Inconel 600

Ordering code:GTF 101 K

1	2	3	4
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1. Probe diameter D	
D15	1.5 mm
D30	3.0 mm
D60	6.0 mm
Dxx	other diameter in mm
2. Fitting length EL	
0100	100 mm
0150	150 mm
0250	250 mm
0500	500 mm
1000	1000 mm
xxxx	any EL in mm (e.g.: 0100 = 100 mm)
3. Cable length L	
L01	1 m silicone cable (standard)
Lxx	any length in m (e.g.: L03 = 3 m)
4. Type of cable	
S	silicone cable up to max. -50 ... +200 °C (standard) (surcharge per 1 m cable length L)
T	Teflon cable up to max. -200 ... +250 °C (surcharge per 1 m cable length L)
G	glass silk cable up to max. -50 ... +400 °C (surcharge per 1 m cable length L)

Standard types see standard jacket thermo element GTF 101-5-xx-xxxx.

**GTF 101 K-OKH**

Temperature probe

General:

The GTF 101 is a temperature probe that can be fully tailored according to customers' requirements. The robust GTF 101 is especially suited for applications at high permanent temperatures and pressures in air, gases or liquids. The temperature is measured with thermocouple wires (NiCr-Ni).

Specifications:

Sensor element:	NiCr-Ni (type K)
Probe diameter D:	3 mm, 5 mm, 6 mm, other diameters upon request
Accuracy:	class 1
Tube material:	V4A stainless steel

Ordering code:GTF 101 K

1	2	3	4	5
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1. Probe diameter D	
D30	3.0 mm only with Teflon cable
D50	5.0 mm
D60	6.0 mm
Dxx	other diameter in mm
2. Fitting length EL	
0050	50 mm
0100	100 mm
0150	150 mm
0250	250 mm
0500	500 mm
1000	1000 mm
xxxx	any EL in mm (e.g.: 0100 = 100 mm)
3. Measuring range	
MB1	-50 ... +200 °C
MB2	-50 ... +250 °C only with Teflon or glass silk cable
MB3	-50 ... +400 °C only with glass silk cable
4. Cable length L	
L01	1 m silicone cable (standard)
Lxx	any length in m (e.g.: L03 = 3 m)
5. Type of cable	
S	silicone cable up to max. -50 ... +200 °C (standard) (surcharge per 1 m cable length L)
T	Teflon cable up to max. -200 ... +250 °C (surcharge per 1 m cable length L)
G	glass silk cable up to max. -50 ... +400 °C (surcharge per 1 m cable length L)

Special lengths, special sheath materials, etc. upon request.