

### GTF 101 P

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 resistance temperature sensors (Pt100 or Pt1000)

**Specifications:**

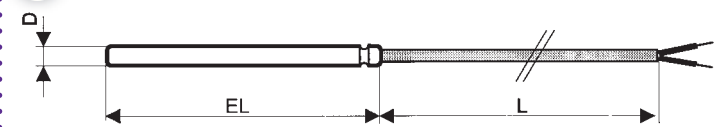
<b>Probe diameter D:</b>	3 mm, 4 mm, 5 mm, 6 mm, 8 mm, other diameters upon request
<b>Cable sleeve:</b>	for probe diameters D 3 mm, 4 mm, 5 mm, 6 mm, 8 mm: there is a cable sleeve Ø 5 mm x 50 mm in addition to the fitting length for probe diameters D 6 mm and MB3 or MB4: there is a cable sleeve Ø 8 mm x 35 mm with taper to Ø 5 mm x 17 mm in addition to the fitting length <b>Note:</b> The temperature of the cable sleeve must not exceed the permitted temperature of the cable.
<b>Accuracy:</b>	DIN class B, DIN class A, 1/3 DIN class B, 1/10 DIN class B
<b>Tube material:</b>	V4A stainless steel (1.4404)

**Ordering code:**

GTF 101 P 

1	2	3	4	5	6	7	8
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<b>1. Sensor element</b>	
P	Pt100
T	Pt1000
<b>2. Sensor element connection</b>	
2L	2-wire
3L	3-wire
4L	4-wire
<b>3. Accuracy</b>	
A	DIN class A
B	DIN class B (standard)
D	1/3 DIN class B
Z	1/10 DIN class B (validity area: -50 ... +100 °C)
<b>4. Measuring range MB</b>	
MB1	-50 ... +400 °C
MB2	-200 ... +400 °C
MB3	-70 ... +600 °C (jacket thermo element)
MB4	-50 ... +850 °C (jacket thermo element)
<b>5. Probe diameter D</b>	
D30	3.0 mm
D40	4.0 mm
D50	5.0 mm
D60	6.0 mm
D80	8.0 mm
Dxx	other diameter in mm
<b>6. Fitting length EL</b>	
0050	50 mm
0100	100 mm
0150	150 mm
0250	250 mm
0500	500 mm
1000	1000 mm
xxxx	any length in mm
<b>7. Cable length L</b>	
L01	1 m silicone cable (standard)
Lxx	any length in m
<b>8. Type of cable</b>	
P	PVC cable up to max. 105 °C (surcharge per 1 m cable length L)
S	silicone cable up to max. 200 °C (surcharge per 1 m cable length L)
T	Teflon cable up to max. 250 °C (surcharge per 1 m cable length L)
G	glass silk cable up to max. 400 °C (surcharge per 1 m cable length L)



### GTF 101 P-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 resistance temperature sensors (Pt100 or Pt1000)

**Specifications:**

<b>Probe diameter D:</b>	3 mm, 4 mm, 5 mm, 6 mm, 8 mm, other diameters upon request
<b>Accuracy:</b>	DIN class B, DIN class A, 1/3 DIN class B, 1/10 DIN class B
<b>Tube material:</b>	V4A stainless steel (1.4404 or 1.4571)

**Ordering code:**

GTF 101 P- OKH 

1	2	3	4	5	6	7	8
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<b>1. Sensor element</b>	
P	Pt100
T	Pt1000
<b>2. Sensor element connection</b>	
2L	2-wire
3L	3-wire
4L	4-wire
<b>3. Accuracy</b>	
A	DIN class A
B	DIN class B (standard)
D	1/3 DIN class B
Z	1/10 DIN class B (validity area: -50 ... +100 °C)
<b>4. Measuring range MB</b>	
MB1	-50 ... +200 °C
MB2	-50 ... +250 °C (only with Teflon or glass silk cable)
MB3	-50 ... +400 °C (only with glass silk cable)
MB4	-200 ... +250 °C (only with Teflon cable)
MB5	-20 ... +105 °C (only with PVC-cable)
<b>5. Probe diameter D</b>	
D30	3.0 mm (only with Teflon cable)
D40	4.0 mm (only with Teflon cable)
D50	5.0 mm
D60	6.0 mm
D80	8.0 mm
Dxx	other diameter in mm
<b>6. Fitting length EL</b>	
0050	50 mm
0100	100 mm
0150	150 mm
0250	250 mm
0500	500 mm
1000	1000 mm
xxxx	any length in mm
<b>7. Cable length L</b>	
L01	1 m silicone cable (standard)
Lxx	any length in m
<b>8. Type of cable</b>	
P	PVC cable up to max. 105 °C (surcharge per 1 m cable length L)
S	silicone cable up to max. 200 °C (surcharge per 1 m cable length L)
T	Teflon cable up to max. 250 °C (surcharge per 1 m cable length L)
G	glass silk cable up to max. 400 °C (surcharge per 1 m cable length L)

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

Handheld instrument

Display/Controller

Logger/EAS/Bus

Transmitter

Temperature probe

Simulator

Alarm/Protection, Level