

INDUSTRY-TEMPERATURE PROBE PT



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:

Probe diameter D: 3 mm, 4 mm, 5 mm, 6 mm, 8 mm, other diameters upon request

Cable sleeve: 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
Note: The temperature of the cable sleeve must not exceed the permitted temperature of the cable.

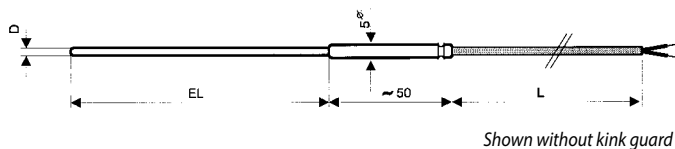
Accuracy: DIN class B, DIN class A, DIN class AA (1/3 DIN class B), 1/10 DIN class B

Tube material: V4A stainless steel (1.4404)

GTF101P - [1] - [2] - [3] - [4] - [5] - [6] - [7] - [8] - [9] - [10]

Greisinger	
1.	Sensor element
P	Pt100
T	PT1000
2.	Connection sensor element
2L	2-wire
3L	3-wire
4L	4-wire
3.	Accuracy
A	DIN class A
B	DIN class B
D	DIN class AA (1/3 DIN class B)
Z	1/10 DIN cl. B
4.	Measuring range
MB1	-50 ... +400 °C
MB3	-70 ... +600 °C
MB4	-50 ... +850 °C
MB2	-200 ... +400 °C
5.	Probe diameter Ø
D16	Ø1.6 mm rigid, Measuring range max. 250 °C
D16M	Ø1.6 mm jacket element (rigid approx. 30 mm, then bendable), Measuring range -50 ... +600 °C
D30	3 mm
D30M	3 mm jacket element (rigid approx. 30 mm, then bendable), Measuring range -70 / -50 ... +600 °C
D30M	3 mm jacket element (rigid approx. 30 mm, then bendable), Measuring range -50 ... +850 °C
D30M	3 mm jacket element (rigid approx. 30 mm, then bendable), Measuring range -200 ... +600 °C
D30M	3 mm mineral insulated element, rigid (inflexible), With short versions < 50 mm, measuring range max. -70 / -50 ... +600 °C
D40	4 mm
D50	5 mm
D60	6 mm
D60M	6 mm mineral insulated element (flexible), Measuring range -70 / -50 ... +600 °C

	D60M	6 mm mineral insulated element (flexible), Measuring range -50 ... +850 °C
	D80	8 mm
6.	Installation length	
	0050	50 mm
	0100	100 mm
	0150	150 mm
	0250	250 mm
	0500	500 mm
	1000	1000 mm
7.	Cable and length	
	L01-S	1 m silicone cable, -50 ... +200 °C
		Each further meter
	L01-T	1 m Teflon cable, -200 ... +250 °C
		Each further meter
	L01-G	1 m glass fibre, -50 ... +400 °C
		Each further meter
	L01-P	1 m PVC cable, -20 ... +105 °C
		Each further meter
	L01-P	1 m PVC cable, -20 ... +70 °C
		Each further meter
8.	Connection	
	MD	Mini-DIN plug 4pole
	M8B	M8 socket (for EASYLOG option AFK)
	KS	Jack connector Ø3.5 mm
		Loose ends
	BNC	BNC plug
9.	Probe tube	
	TU	Teflon covered probe, Fl max. 200 mm, acid & salt water, max. 250 °C
	WD	Cable transition water proof covered, Only with PVC cable -20 ... +105 °C, without stainless steel bending protection
10.	Option	
	M12	M12 connector, 4-pin



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