

INDUSTRY-TEMPERATURE PROBE



HIGHLIGHTS:

- Pt100, Pt1000, NiCr-Ni (type K)
- complete with thread and cable (loose ends)
- very robust

GTF 102

Einschraub-Temperaturfühler

General:

The GTF 102 is a temperature probe that can be fully tailored according to customers' requirements. The robust GTF 102 is especially suited for applications at high permanent temperatures and pressures in air, gases or liquids. The temperature is measured with either thermocouple (NiCr-Ni) or resistance temperature sensors (Pt100 / Pt1000). The probe is provided by default with tread, cable sleeve and 1 m silicone cable (compensation line with loose ends).

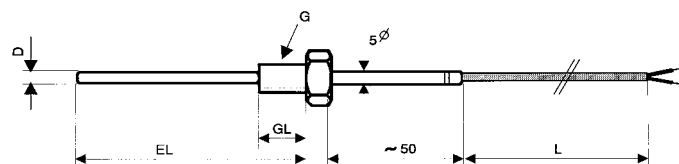
Specifications:

Sensor element:	Pt100 (2- / 3- or 4- wire), Pt1000 (2- / 3- or 4- wire) NiCr-Ni
Accuracy (standard):	Pt100 / Pt1000: DIN class B, NiCr-Ni: class 1
Tube material:	V4A (1.4404)
Thread material:	stainless steel
Connection cable:	standard: silicone compensation line, loose ends, length: 1 m (up to max. 200) incl. stainless steel kink guard

GTF102 - 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8

Greisinger	
1.	Sensor element
	P2 Pt100 (2-wire)
	P3 Pt100 (3-wire)
	P4 Pt100 (4-wire)
	T2 Pt1000 (2-wire)
	T3 Pt1000 (3-wire)
	T4 Pt1000 (4-wire)
	K Type K (NiCr-Ni)
2.	Accuracy
	A DIN class A
	B DIN class B
	D DIN class AA (1/3 DIN class B)
	Z 1/10 DIN cl. B
	1 Class 1
3.	Measuring range
	MB1 -50 ... +200 °C
	MB2 -50 ... +400 °C
	MB3 -50 ... +600 °C
4.	Probe diameter D
	15 1.5 mm
	22 2.2 mm rigid
	30 3 mm
	30M 3 mm jacket element (rigid approx. 30 mm, then bendable)
	40 4 mm
	50 5 mm
	60 6 mm
	80 8 mm
5.	Fitting length EL
	0100 100 mm
	0150 150 mm
	0250 250 mm
	0500 500 mm
	1000 1000 mm

6.	Thread	
	G1	G ½
	G2	G ¼
	G3	G ¾
	G4	G ⅙
	G5	G ⅚
	M5	M5
	M6	M6
	M8	M8
	M08	M8x1
	M0	M10
	M01	M10x1
7.	Cable with length	
	L01-P	1 m PVC cable, -20 ... +105 °C Each further meter
	L01-S	1 m silicone cable, -50 ... +200 °C Each further meter
	L01-G	1 m glass fibre, -50 ... +400 °C Each further meter
	L01-T	1 m Teflon cable, -200 ... +250 °C Each further meter
	L01-P	1 m PVC cable, -20 ... +70 °C Each further meter
8.	Connection	
	MD	Mini-DIN plug 4pole
	NT	NST1200 flat-pin plug
	NU	NKU1200 coupling
	BS2	2 x banana plug Ø4 mm Loose ends
	M8B	M8 socket (for EASYLOG option AFK)
	BNC	BNC plug



Special dimensions, special jacket materials, etc. available on request.