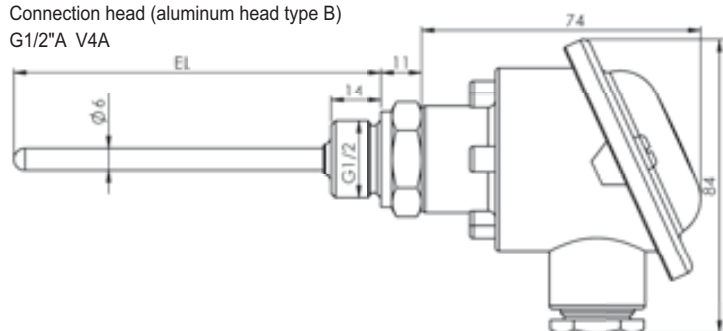
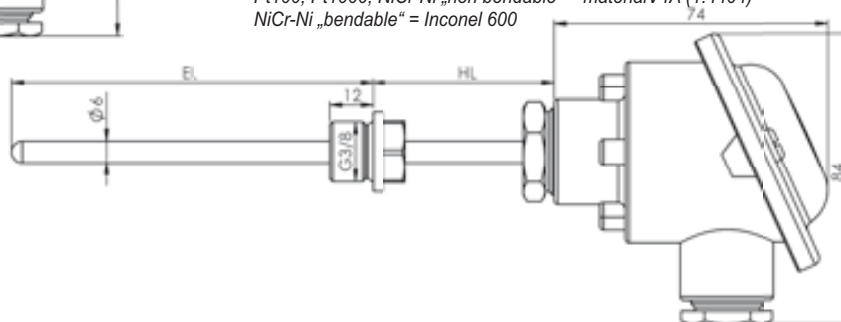


Industry-temperature probe

Connection head (aluminum head type B)  
G1/2" A V4A



Sensor tube material:  
Pt100, Pt1000, NiCr-Ni „non bendable“ = material V4A (1.4404)  
NiCr-Ni „bendable“ = Inconel 600



**GTF 103**

Temperature probe

GTF 103 - 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 -

Greisinger	
1.	Normsignal
	O without output signal
	G with output signal 4-20 mA, 2-wire, RT420 (Pt100 only)
	G with output signal 4-20 mA, 2-wire, GITT 01 (Pt1000 or NiCr-Ni)
	GV with output signal 0 ... 10 V, 3-wire, T03 BU (Pt100 only)
	Technical specifications Transmitter T03 BU, RT 420, GIT01, see chapter Transmitters
2.	Sensor element
	P Pt100
	T Pt1000
	K NiCr-Ni Type K
3.	Accuracy class
	B DIN class B (Pt100 or Pt1000)
	A DIN class A (Pt100 or Pt1000)
	D 1/3 DIN class B (Pt100 or Pt1000)
	Z 1/10 DIN class B (only Pt100) (validity area: -50 ... +100 °C)
	1 class 1 NiCr-Ni type K
4.	Sensor element connection
	2L 2-wire
	3L 3-wire
	4L 4-wire
5.	Connection head
	A sensor head made of aluminum (DIN B head)
	E sensor head made of stainless steel
	K sensor head made of plastic
	S small sensor head (design type DE)
6.	Measuring insert
	0 without process connection
	MA with process connection (standard for transmitter)
7.	Process connection
	N without process connection
	J with process connection
8.	Neck tube
	K no neck tube
	M with neck tube

9.	Size of process connection	
	G1	G 1/2
	G2	G 1/4
	G5	G 3/8
	M14	M14x1.5
	xxx	other thread
10.	Length of neck tube	
	000	no neck tube
	050	50 mm
	100	100 mm
	xxx	other neck tube length
11.	Probe diameter	
	30	3 mm
	40	4 mm
	60	6 mm
	80	8 mm
	xxx	other diameter
12.	Fitting length	
	0050	50 mm
	0100	100 mm
	0150	150 mm
	0250	250 mm
	0500	500 mm
	xxxx	any length in mm (e.g. 0600 = 600 mm)
13.	Measuring range	
	MB1	-50 ... +200 °C
	MB2	-50 ... +400 °C
	MB3	-50 ... +600 °C
	MBS	other measuring range (Specification required with standard signal)

Special designs can be ordered only in written form (fax/letter/email) and are excluded from exchange!

Note: Handheld instrument probes can be found in chapter handheld instruments and the appropriate devices