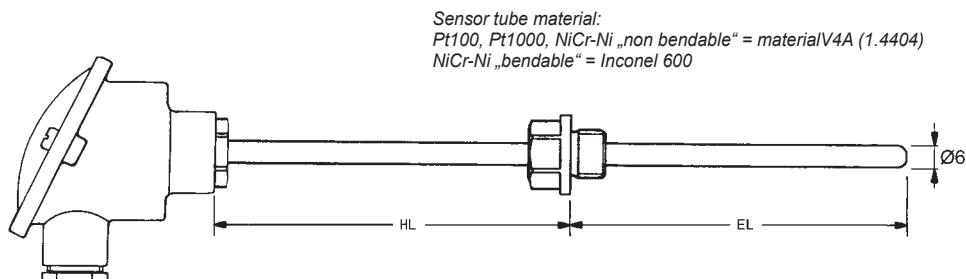
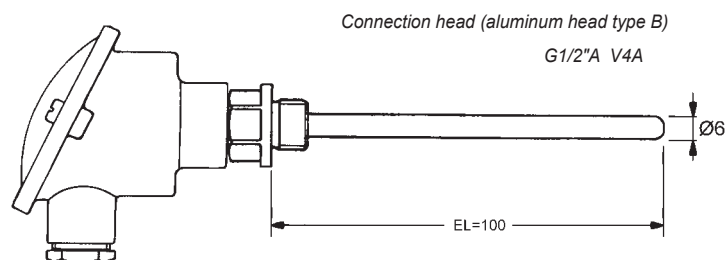


INDUSTRY - TEMPERATURE PROBE



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

Ordering code:	
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, GITT01, see chapter Transmitters	
2. Sensor element	
P	Pt100
T	Pt1000
K	NiCr-Ni Typ 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	
O	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!