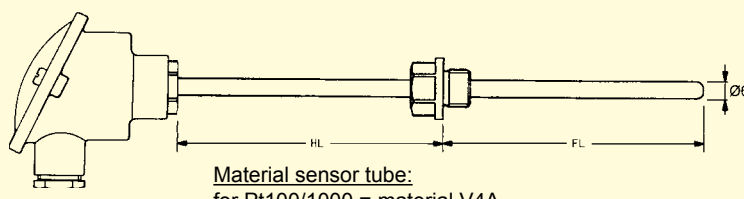
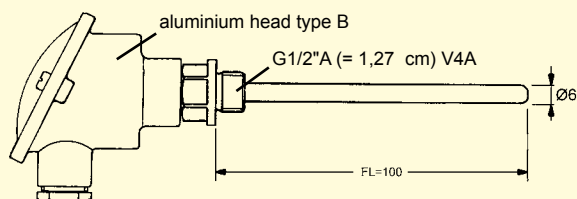


Customized probes acc. to your requirements or standard design and accessories

(Del. time from stock or 1 to 2 working days) Other design types p.r.t page 110

GTF 103 (basic design)

GTF 103 OS (without sensor and terminal)



Material sensor tube:
for Pt100/1000 = material V4A
for NiCr-Ni = Inconel 600

Sensor:

Pt100 / Pt1000 (2-, 3- or 4-wire)

- -50 ... + 400°C, DIN class B
- ±200°C, DIN class B
- -50 ... + 600°C, DIN cl. B, Jacket-Pt100

Double - Pt100 (2 x 2-wire) - others on request

- -50 ... + 400°C, DIN class B
- ±200°C, DIN class B
- Double jacket Pt100

NiCr-Ni (type K)

- -200 ... + 1150°C, class 1

Double - NiCr-Ni (type K)

- -200 ... + 1150°C, class 1

Sensor Head:

- DIN B head (Alu lacquered), max. 200°C
note: for higher temperatures order with neck tube
- plastic sensor head
- stainless steel sensor head
- small sensor head (design type DE)
with PG9-cable glanding
- with exchangeable measuring insert

Thread:

*Note: other threads are not available for small series!
(For larger series on request)*

- with thread, G $\frac{1}{2}$ " (= 1,27 cm), V4A standard
for fixed mounting or for interchangeable sensor in combination with immersion sleeve EST02.
- without thread
for interchangeable sensor application in combination with immersion sleeve EST01 or with stainless steel clamping ring glanding for exact adjustment of sensor position.

upcharges:

standard

Tube length: (Pt100/1000 and NiCr-Ni)

- Probe length "FL" up to 100mm
- Probe length per each started additional 100 mm
- Neck tube length "HL" each started 100 mm
for higher temperatures, because sensor head (without transmitter)
is suitable just up to 200°C or for bridging insulations.

upcharges:

standard

Probe diameter:

note: other diameters than stated below are not available!

Pt100 / Pt1000

- Ø 6 mm, not flexible
- Ø 3, 4, 5 or 8 mm, not flexible
- Ø reduced at the end (e.g. 8 to 3 mm)

Jacket-Pt100

- Ø 6 mm, approx. 40 mm stiff, then flexible
- Ø 3 mm, approx. 30 mm stiff, then flexible

NiCr-Ni (type K), not potential-free

- Ø 6 mm, not flexible
- Ø 3 mm, not flexible

NiCr-Ni (type K), jacket thermo element, potential-free

- Ø 6 mm, flexible
- Ø 1, 1.5 or 3 mm, flexible
- Ø 0.5 mm, flexible

Special design types:

... / RT420 with transducer for Pt100,
Output signal 4-20mA, measuring ranges p.r.t. page 82
(to be stated on order!)

... / GITT with electrically isolated transducer
for Pt100/1000, NiCr-Ni, output signal 4-20mA, measuring
range to be stated on order! (p.r.t. page 83)

other design types upon request

upcharges:

2. Clamping ring screw connection GKV... st. steel (for all probes without thread)



Type:	Outside thread	Clamp. ring-Ø (sensor tube-Ø)	Clamping ring	Price
GKV1	M8 x 1	1,5 mm	Teflon	
GKV2			st. steel	
GKV3		3,0 mm	Teflon	
GKV4			st. steel	
GKV5	G1/4" (= 0,635 cm)	1,5 mm	Teflon	
GKV6			st. steel	
GKV7		3,0 mm	Teflon	
GKV8			st. steel	
GKV11		6,0 mm	Teflon	
GKV12			st. steel	
GKV9		G1/2" (= 1,27 cm)	6,0 mm	Teflon
GKV10				st. steel
GKV13	8,0 mm		Teflon	
GKV14			st. steel	
GKV15	14,0 mm		Teflon	