

INDUSTRIAL TEMPERATURE PROBES

**GTF 200 Pt100**

Art. no. 600017

-50 ... +200°C, Pt100, 4-wire

Specifications:

| | |
|-----------------------|--|
| Sensor: | Pt100, DIN cl. B ($\pm 0.3^\circ\text{C}$ at 0°C) |
| Sensor sleeve: | made of stainless steel (1.4571), length 50 mm, diameter 5 mm |
| Cable: | silicone (4×0.14^3), approx. 1 m suitable for 2-/ 3- or 4-wire probe |

GTF 200 Pt100 WD

Art. no. 600020

-20 ... +105°C, Pt100, 4-wire, tube enclosed water proof

Specifications:

| | |
|-----------------------|---|
| Sensor: | Pt100, DIN cl. B ($\pm 0.3^\circ\text{C}$ at 0°C) |
| Sensor sleeve: | made of stainless steel |
| Cable: | PVC (4×0.14^3), approx. 1 m suitable for 2-/ 3- or 4-wire probe |

**GRO 200 Pt100**

Art. no. 600012

Temperature probes

GRO 200 Pt1000

Art. no. 600013

Temperature probes, -50 ... +200°C, DIN class B, 4-wire

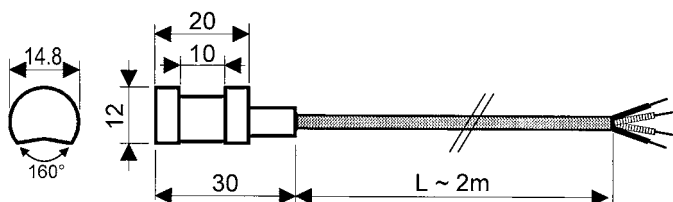
GRO 200 K

Art. no. 600011

Temperature probes, -50 ... +200°C, Type K (NiCr-Ni)

Specifications:

| | |
|---------------------|--|
| Sensor body: | made of aluminium |
| Probe: | can be mounted with cable clamp or similar constructions to pipes (any diameter) |
| Cable: | silicone, approx. 2 m For faster heat exchange we suggest our heat-conductive paste GWL10G Art. no. 603267 |



INDUSTRIAL TEMPERATURE PROBES (ATEX 100)

without neck tube, for temperatures $\leq 100^\circ\text{C}$ with neck tube, for temperatures $> 100^\circ\text{C}$

FOR ALL POTENTIALLY EXPLOSIVE
ATMOSPHERES OF THE EQUIPMENT-GROUP II
WITH THE PROTECTION (I) OR (E)

GTF 101-EX

-200°C ... +100°C (without neck tube)

-200°C ... +900°C (with neck tube)

General:

Readily assembled voltage free temperature probe of stainless steel with connection cable. The sensor inset is not exchangeable. Mounting is done via separate clamping ring fittings GKV.

Specifications:**Sensors:****Pt100 / Pt1000; mineral insulated element, 4-wire:**

Measuring ranges: -200°C ... +100°C (600°C - with neck tube), DIN class B

Type K; mineral insulated thermocouple:

Measuring ranges: -200°C ... +100°C (900°C - with neck tube), class 1

Probe length:

up to 100mm (without upcharge), upcharge per further starting 100 mm

Neck tube length:

without

upcharge per starting 100 mm

Probe diameter:

3 mm, 4 mm, 5 mm, 6 mm or 8 mm

Cable length (4-wire)**Cable:**

silicone cable, Surcharge per additional meter of cable

PVC, teflon (Pt100/Pt1000 only)

Ambient temperature:

-20 ... +60°C (protection type „e“ and protection type „i“ zone 0, 20) or -20 ... +80°C (+60°C) (protection type „i“ zone 1, 2, 21, 22)

Type of protection:

„i“: intrinsic safety

„e“: increased safety (not for zone 0 and 20)

Potentially explosive atmospheres:

suitable for zone 0, zone 1, zone 2, zone 20, zone 21, zone 22

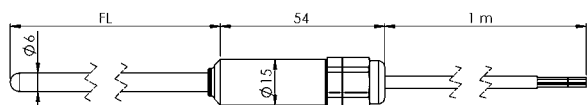
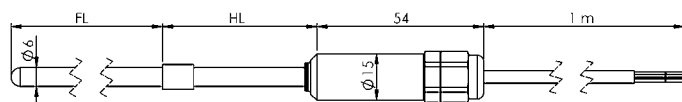
Clamping ring screw connection:

M8x1, M10x1, G1/4" and G1/2" for diameter 3 mm, 6 mm or 8 mm.

Please refer to page 85

To determine exact order name ask for our type list.

Download via homepage possible



Note: Not all execution options are
possible in all zones!

