

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 (4×0.14^2), 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 (4×0.14^2), approx. 1 m suitable for 2-/ 3- or 4-wire probe



GRO 200 Pt100

Art. no. 600012
Temperature probes

GRO 200 Pt1000

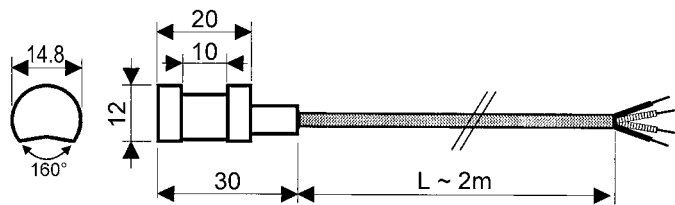
Art. no. 600013
Temperature probes, -50 ... +200°C, DIN class B, 4-wire

GRO 200 K

Art. no. 600011
Temperature probes, -50 ... +20°C, NiCr-Ni (Type K)

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.	

Options:	
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 (without upcharge) upcharge per starting 100 mm
--------------------------	--

Probe diameter:	3 mm, 4 mm, 5 mm, 6 mm or 8 mm (without upcharge)
------------------------	---

Cable:	silicone cable, standard length 1 m upcharge per further starting m cable PVC, teflon (Pt100/Pt1000 only) upon request
---------------	--

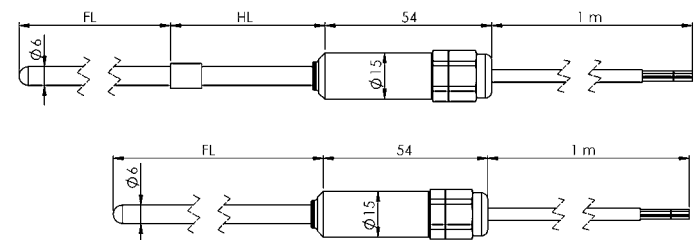
Ambient temperature:	-20 ... +60°C (protection type „e“ and protection type „i“ zone 0, 20) or -20 ... +80°C (+60°C) (protection type „i“ zone 1, 2, 21, 22)
-----------------------------	---

Type of protection:	„i“: intrinsic safety (without upcharge) „e“: increased safety
----------------------------	---

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 219
--	---

To determine exact order name ask for our type list.
Download via homepage possible (Products ->Ex-Protection ->Temperature probes).



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



HANDHELD INSTRUMENT
DISPLAY/ CONTROLLER
LOGGER-/ BUS SYSTEMS
TRANSMITTER
TEMPERATURE PROBE
ALARM/ PROTECTION, LEVEL