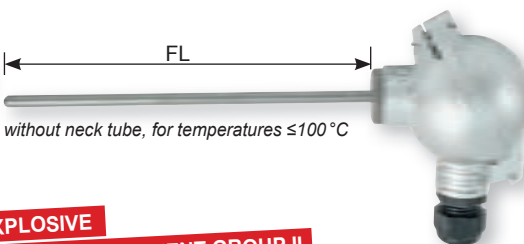
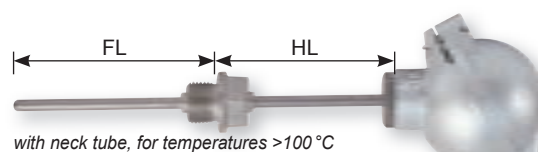
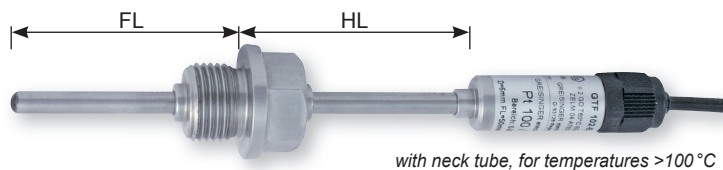
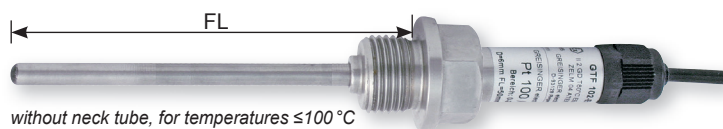




INDUSTRIAL TEMPERATURE PROBES (ATEX 100)



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

GTF 102-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. Thread is welded or brazed to the probe.
Upcharges:
Sensors: Pt100 / Pt1000, mineral insulated element, 4-wire: meas. range: -200 °C ... +100 °C (600 °C - with neck tube), DIN cl. B type K or N, mineral insulated thermocouple: meas. range: -200 °C ... +100 °C (900 °C - with neck tube), class 1
Probe length: up to 100 mm (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)
Thread: G1/2" (standard) (without upcharge) G1/8", G1/4", G3/8", G3/4", M8x1, M10x1
Cable: silicone cable, standard length 1 m upcharge per further starting m cable
Ambient temperature: -20 ... +60 °C (protection type „e“) or -20 ... +80 °C (protection type „i“)
Type of protection: „i“: intrinsic safety (without upcharge) „e“: increased safety
Potentially explosive atmospheres: suitable for zone 0/1, zone 1, zone 2, zone 20/21, 21, zone 22
<i>To determine exact order name ask for our type list. Download via homepage possible (Products -->Ex-Protection-->Temperature probes).</i>

GTF 103-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 connection head and clamping block. The sensor inset is exchangeable. Thread is welded or brazed to the probe. Mounting is done via clamping ring fitting or thread welded / brazed to the probe tube. The connection head is also suitable to carry a head transmitter.
Upcharges:
Sensors: Pt100 / Pt1000; mineral insulated element, 4-wire: meas. range: -200 °C ... +100 °C (600 °C - with neck tube), DIN cl. B type K or N, mineral insulated thermocouple: meas. range: -200 °C ... +100 °C (900 °C - with neck tube), class 1
Probe length: up to 100 mm (without upcharge) upcharge per further starting 100 mm
Neck tube length: without (without upcharge) upcharge per starting 100 mm
Probe diameter: 3 mm (the sensor inset is not exchangeable) (without upcharge) 4 mm, 5 mm, 6 mm or 8 mm (the sensor inset exchangeable)
Thread: G1/2" (standard) or without thread G1/8", G1/4", G3/8", G3/4", M8x1, M10x1
Ambient temperature: -20 ... +60 °C (protection type „e“) or -20 ... +80 °C (protection type „i“)
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
Transmitter GITT 01-Ex (please refer to page 119), output signal 4-20 mA, measuring range on customers demands, protection type „i“ intrinsic safety.
Clamping ring screw connection: available at M8x1, M10x1, G1/4" and G1/2" for diameter 3 mm, 6 mm or 8 mm. Please refer to page 158
<i>To determine exact order name ask for our type list. Download via homepage possible (Products -->Ex-Protection-->Temperature probes).</i>



Handheld instrument
Display/Controller
Logger/EASYBus
Transmitter
Temperature probe
Simulator
Alarm/Protection, Level