

Ordering information for GTF 101-Ex ... probes

GTF 101-Ex- / MB:

Sensor-element:
P Pt100
S Pt1000
T Thermocouple type K
U Thermocouple type N
Neck tube:
K without neck tube (for T ≤ 100 °C)
M with neck tube (for T > 100 °C)
Ambient temperature:
A Standard -20 °C ... +60 °C
H Higher ambient temperature -20 °C ... +80 °C <i>only for protection type intrinsic safety "i"</i>
Neck-tube length:
xxx length in mm e.g. 050 (= 50 mm = standard length)
Probe-tube diameter:
x 3, 4, 5, 6 or 8 mm
Hints:
- observe for D = 3 mm (only for Pt100 or Pt1000 available):
• minimum length is 60 mm
• the probe diameter is reduced, tube top D = 3 mm (for approx. 30 mm) after this D = 6 mm
Probe length:
xxxx length in mm e.g. 0100 (= 100 mm)
Cable length: (4-wire)
x length in m e.g. 1 (= 1 m)
Protection type:
e Gas: increased safety, encapsulation (em)
Dust: encapsulation (mbD)
i intrinsic safety
Hint: increased safety ("em"): in case the connected device is beyond the explosion hazardous area, this device does not need an Ex-certification. <i>(take a note to the safety advice !)</i>
Potentially explosive atmospheres:
Gases:
01 zone 1
02 zone 2
Dusts:
21 zone 21
22 zone 22
Measuring range:
xxx measuring range of the probe e.g. -50 ... +100 °C

Ordering-example: GTF 101-Ex with Pt100, medium temperature: >100 °C, ambient temperature: 60 °C, neck-tube length: 50 mm, probe-diameter: 6 mm, probe-length 200 mm, cable length: 5 m, protection type "i", zone 21, measuring range: -50 to +100 °C

GTF 101-Ex- G M A 0 5 0 6 0 2 0 0 5 i 2 1 / MB: -50 ... +100 °C