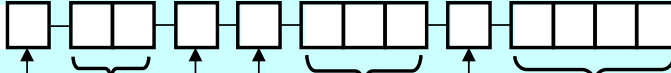


Ordering information for GTF 111-Ex ... Probes

GTF 111-Ex-



Protection type:
e Gas: increased safety, encapsulation (em) - only permitted for zone 1 and 2 Dust: encapsulation (mb) - only permitted for zone 21 and 22
i intrinsic safety
Potentially explosive atmospheres:
Gases:
00 zone 0
01 zone 1 and zone 2
Dusts:
20 zone 20
21 zone 21 and zone 22
Sensor-element:
P Pt100
T Pt1000
Neck tube: (length till tube sleeve for depth stop)
K without neck tube (for $-50^{\circ}\text{C} \leq T \leq 100^{\circ}\text{C}$)
M with neck tube (please refer to note below)
Neck tube length:
xxx length in mm
e.g. 050 (= standard length)
Probe tube diameter:
x 3, 4, 5, 6 or 8 mm
<u>Hint:</u>
- observe for D = 3 mm:
• minimum probe length is 60 mm
• the probe diameter is reduced, tube top D = 3 mm (for approx. 30 mm) afterwards D = 6 mm
Probe length (fitting length):
xxxx length in mm
e.g. 0100 (= 100 mm)

Notify for ambient temperature:	
<u>intrinsic safety type</u>	
zone 0, 20:	-20 °C ... +60 °C
zone 1, 2, 21, 22:	-20 °C ... +80 °C
<u>type with increased safety</u>	
zone 1, 2, 21, 22:	-20 °C ... +60 °C

Recommended min. neck tube length according max. meas. range:		
Neck tube construction:	measuring range:	
	Pt 100	Pt 1000
- without neck tube	-50 ... +100 °C	-50 ... +100 °C
- neck tube above 50 mm	-200 ... +250 °C	-70 ... +250 °C
- neck tube above 100 mm	-200 ... +400 °C	-70 ... +400 °C
- neck tube above 200 mm	-200 ... +600 °C	-70 ... +600 °C
<i>For reference only! The length should be selected so that the max. specified ambient temperature of the cable sleeve is not exceeded in your installation situation.</i>		

Ordering example: GTF 111-Ex for protection type "i", Ex-zone 21, with Pt100, neck tube length: 50 mm, probe diameter: 6 mm, probe length: 200 mm

GTF 111-Ex- **i** **21** **P** **M** **050** **6** **0200**