

SUITABLE PT1000 SENSORS (2-WIRE)

ACCURACIES PT1000:

Sensor accuracy according to DIN EN 60751
DIN class B: (validity range: -50 .. + 500 °C) ± 0.3 °C at 0 °C
DIN class A: (validity range: -30 .. + 300 °C) ± 0.15 °C at 0 °C
DIN class AA = 1/3 DIN class B: (Validity range: 0 .. + 150 °C) ± 0.1 °C at 0 °C

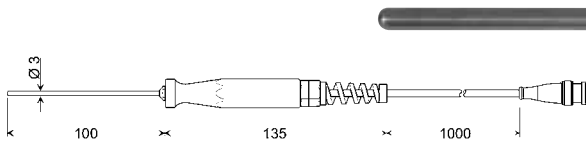
SURCHARGES FOR SPECIAL DESIGNS:
 (DESIGN-RELATED VARIATIONS ARE AVAILABLE)

longer sensor tube:
 surcharge per additional 100 mm or part thereof
longer sensor cable (PVC):
 surcharge per additional 1 m or part thereof
Spiral cable, approx. 1.5 m stretched PUR
other sensor cable material on request.
Sensor tube with teflon shrinkage
 (for temperature sensors up to 200 mm)
 (for measurements in acids and sea water. max.measuring range = 250 °C)
Sensor handle waterproof encapsulated
 (only possible with PVC cable -20 .. + 105 °C)
higher sensor accuracy:
 DIN class AA, for Pt1000, tolerances: 0.1 °C at 0 °C
higher sensor accuracy:
 1/10 DIN class B, for Pt100 sensors, tolerances: 0.03 °C at 0 °C
Handling fee for custom-made products
Handling fee for custom-made GF1T/GF2T/GF3T

All sensor designs are also available as Pt100 2- / 3- or 4-wire on request.
 We manufacture sensors according to your requirements and ideas at short notice and at a reasonable price. Please inquire.



GTF 175-BNC
 Item No. 607165
 Immersion sensor for liquids/gases
 -70 .. + 250 °C, Pt1000 class B



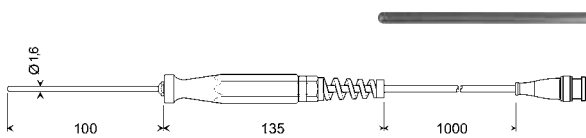
Corrosion-resistant V4A tube Ø 3 mm, plastic handle, anti-kink screw connection, 1 m highly flexible silicone cable, BNC plug
Response time T₉₀: Water 0.4 m/s < 2 s, air 2 m/s approx. 40 s

Advantages of the sheathed element Pt1000:

- high temperature resistance
- sheathed tube is bendable
- high shock resistance
- long lifetime



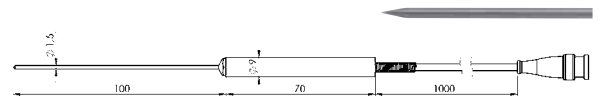
GTF 175/1.6-BNC
 Item No. 611323
 Immersion probe with sheathed element Pt100 -200 .. + 600 °C, DIN class B



V4A sheathed tube, bendable, Ø 1.6 mm, plastic handle, anti-kink screw connection, 1 m highly flexible silicone cable, BNC plug
Response time T₉₀: Water 0.4 m/s < 2 s, air 2 m/s approx. 25 s



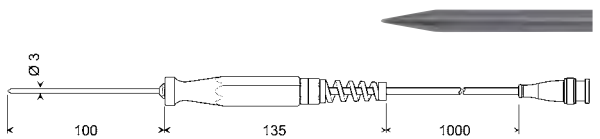
GES 20-TB-BNC
 Item No. 607377
 Core temperature / food probe, compact teflon handle
 -200 .. + 250 °C, Pt1000 class B



V4A tube with Ø 1.5 mm slim insertion tip, small teflon handle, stainless steel kink protection, 1 m teflon cable, BNC plug
Response time T₉₀: Water 0.4 m/s < 1 s, air 2 m/s approx. 12 s



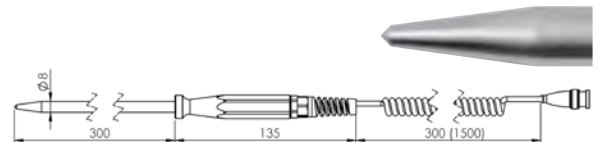
GES 175-BNC
 Item No. 611324
 Insertion probe for soft plastic media
 -70 .. + 250 °C, Pt1000 class B



V4A tube Ø 3 mm with needle-shaped insertion tip, plastic handle, anti-kink screw connection, 1 m highly flexible silicone cable, BNC plug
Response time T₉₀: Water 0.4 m/s < 2 s, air 2 m/s approx. 40 s



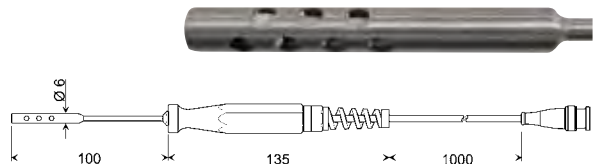
GES200-T-300-D8-L1.5PU
 Item No. 479239
 Robust insertion probe
 -50 .. + 250 °C, Pt1000 class B



Stainless steel tube Ø 8 mm with insertion tip, plastic handle, anti-kink screw connection, spiral cable (approx. 1.5 m stretched), BNC plug, for use in soils, bulk goods, asphalt, etc.
Response time T₉₀: Water 0.4 m/s approx. 4 s



GLF 175-BNC
 Item No. 607162
 Air / gas sensors for clean media
 -70 .. + 250 °C, Pt1000 class B



(use GTF175 for contaminated media), punched V4A protection tube, rapid response Pt1000 miniature sensor freely arranged behind it, thus high response speed, plastic handle, anti-kink fitting, 1 m highly flexible silicone cable, BNC plug
Response time T₉₀: Air 2 m/s approx. 15 s