

**Accuracy Pt1000:**

sensor accuracy acc. to DIN EN 60751

<b>DIN cl. B:</b> (area of validity: -50 ... +500 °C)	±0.3 °C at 0 °C
<b>DIN cl. A:</b> (area of validity: -30 ... +300 °C)	±0.15 °C at 0 °C
<b>DIN cl. AA = 1/3 DIN cl. B:</b> (0 ... +150 °C)	±0.1 °C at 0 °C
<b>1/10 DIN cl. B:</b>	±0.03 °C at 0 °C

**Upcharges special designs:****longer probe tube**

upcharge per further starting 100 mm

**longer cable (silicone)**

upcharge per further starting meter

**other cable material**

upcharge per meter

**teflon covered probe tube**

(for probes up to 200 mm)

(for probes used in acids and salt water, upper temperature range 250 °C)

**waterproof probe handle**

(casted, only possible with PVC cable -20 ... +105 °C)

**higher sensor accuracy:**

DIN cl. AA, for Pt1000, tolerances: 0.1 °C at 0 °C

**higher sensor accuracy:**

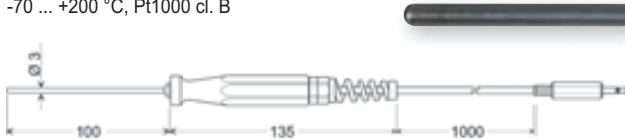
1/10 DIN class B, for Pt1000-probes, tolerances: 0.03 °C at 0 °C

**basic fee for custom made probe**

All types of probes also available for Pt100 2- / 3- or 4-wire connection  
We manufacture all types of probes according to your special desires - low priced and fast. Please contact us.

-70 °C  
+200 °C**GTF 175**

Art. no. 600423

Immersion for liquids / gases  
-70 ... +200 °C, Pt1000 cl. B

non-corrosive V4A tube, Ø 3 mm, plastic handle, anti-buckling glazing, 1 m highly flexible silicone cable, 3.5 mm gold plated jack connector

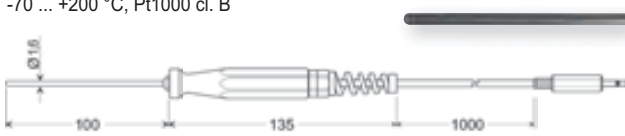
**Response time T<sub>90</sub>:** water 0.4 m/s < 2 s, air 2 m/s approx. 40 s

**Advantages of sheath element Pt1000:**

- high temperature resistance
- sheath cable is bendable
- high shock resistance
- high service life

-70 °C  
+200 °C**GTF 175 / 1.6**

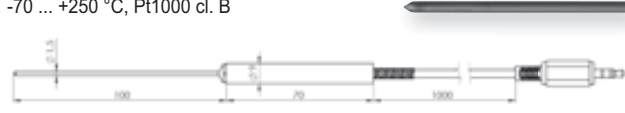
Art. no. 600424

Immersion probe with sheath element Pt1000  
-70 ... +200 °C, Pt1000 cl. B

stainless steel tube (V4A), flexible, Ø 1.6 mm, plastic handle, anti-buckling glazing, 1 m highly flexible silicone cable, 3.5 mm gold plated jack connector

**Response time T<sub>90</sub>:** water 0.4 m/s < 2 s, air 2 m/s approx. 25 s-70 °C  
+250 °C**GES 20**

Art. no. 606787

Insertion probe for soft media  
-70 ... +250 °C, Pt1000 cl. B

V4A tube with Ø 1.5 mm slim insertion tip, small teflon handle, stainless steel kink protection, 1 m Teflon cable, Ø 3.5 mm gold-plated jack plug

**Response time T<sub>90</sub>:** water 0.4 m/s < 1 s, air 2 m/s approx. 12 s-70 °C  
+200 °C**GES 175**

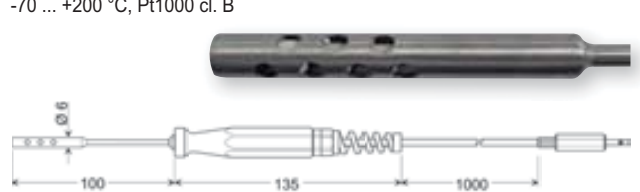
Art. no. 600431

Insertion probe for soft media  
-70 ... +200 °C, Pt1000 cl. B

V4A tube Ø 3 mm with slim insertion tip, plastic handle, anti-buckling glazing, 1 m highly flexible silicone cable, 3.5 mm gold plated jack connector

**Response time T<sub>90</sub>:** water 0.4 m/s < 2 s, air 2 m/s approx. 40 s-70 °C  
+200 °C**GLF 175**

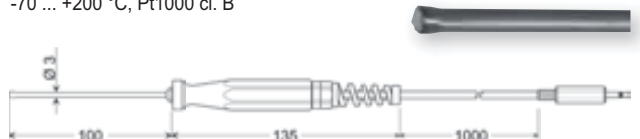
Art. no. 600438

Air/gas probe for clean media  
-70 ... +200 °C, Pt1000 cl. B

(for dirty measurands use GTF 175), punched V4A protection tube, fast miniaturized Pt1000 mounted freely in tube, resulting in fast response, plastic handle, anti-buckling glazing, 1 m highly flexible silicone cable, 3.5 mm gold plated jack connector

**Response time T<sub>90</sub>:** air 2 m/s approx. 15 s-70 °C  
+200 °C**GOF 175**

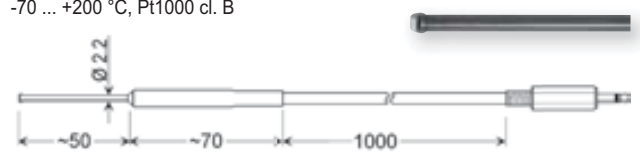
Art. no. 600433

Surface probe for solid surfaces  
-70 ... +200 °C, Pt1000 cl. B

2 x 2.3 mm ceramic Pt1000 sensor mounted at the tip, V4A tube, quadratic 3 x 3 mm at the tip, plastic handle, anti-buckling glazing, 1 m highly flexible silicone cable, 3.5 mm gold plated jack connector

**Response time T<sub>90</sub>:** approx. 15 s-70 °C  
+200 °C**GOF 175 Mini**

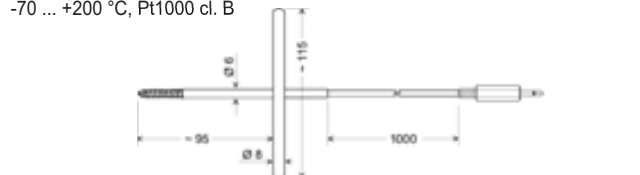
Art. no. 600436

Surface probe for solid surfaces  
-70 ... +200 °C, Pt1000 cl. B

2 x 2.3 mm ceramic Pt1000 sensor mounted at the tip, V4A tube Ø 2.2 mm, 1 m highly flexible silicone cable, 3.5 mm gold plated jack connector

**Response time T<sub>90</sub>:** approx. 15 s-70 °C  
+200 °C**GGF 175**

Art. no. 601341

Probe for deep-frozen products  
-70 ... +200 °C, Pt1000 cl. B

to screw into deep-frozen products, etc. no predrilling required. V4A tube, 6 mm Ø with screw prod, 1 m highly flexible silicone cable, 3.5 mm gold plated jack connector

**Response time T<sub>90</sub>:** approx. 15 s