
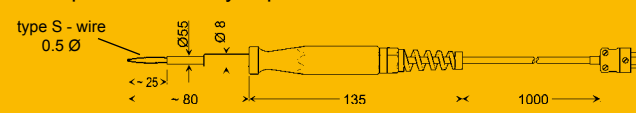
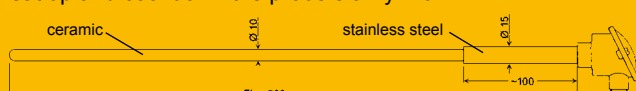



## Pt10Rh-Pt (Typ S) - meas. probes, class 1


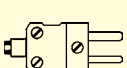
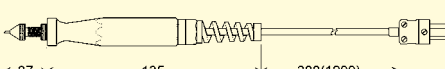
for highest temperatures

Ordering type Measuring range	Application / Dimensions (mm)	Response time $t_{90}$	further technical details	Price
<b>GTF 1500/300</b> +50 ... +1500°C	<b>Probe for burning kilns or similar applications</b> Avoid fast temperature changes. Heat up and cool down the probe slowly with kiln. 		ceramic tube (type 610) (FL=300mm), stainless steel handle, silicone cable, DIN-type flat-pin plug type "S"	
<b>GTF 1500/500</b> +50 ... +1500°C			as above, however FL = 500mm	
<b>GBF 1550</b> +50 ... +1550°C	<b>Bunsen burner probe</b> Probe tip can be directly exposed to the flame. 	approx. 2 sec.	stainless steel tube Ø8mm, with reduced ceramic tube Ø5.5mm, plastic handle, silicone cable, DIN-type flat-pin plug type "S"	
<b>GTF 103 HT-S</b> +50 ... +1600°C	<b>Probe for fixed installation in burning kilns and similar appl.</b> Heat up and cool down the probe slowly with kiln. 		sensor tube made of high-grade ceramic KER710, ALU-B sensor head <i>outer length upon request</i>	
<b>GMFL</b>	<b>Metal flange</b> for GTF1500/... and GTF103HT-S (to clamp to 15mm stainless steel pipes, sliding) <b>DIN 43734</b>			
<b>AGL S2</b>	<b>Silicone equalising cable, type S, 2-wire (max. 200°C)</b>			<b>each m</b>

## NiCrSi-NiSi (Typ N) - meas. probes, class 1 low cost measuring of high temperatures (permanent up to 1300°C)

Ordering type Measuring range	Application / Dimensions (mm)	Response time $t_{90}$	further technical details	Price
<b>GTF101-N03250</b> -50 ... +1300°C (short-term peaks up to 1330°C)	<b>Probe for permanent high temperatures</b> <i>Mantle material: special steel with extraordinary resistivity against oxidation at high temperatures and excellent corrosion resistance in chlorine and ammoniacial environments (Protective layer emerges at temperatures above 980°C)</i>	approx. 5 sec.	stainless steel tube (FL=250mm), 1m silicone cable, loose cable ends upcharge for any cable length	
<b>GTF101-N03500</b>			as above, however FL = 500mm	
<b>GTF101-N031000</b>			as above, however FL = 1000mm	
<b>NST1300 N</b>	<b>Thermo-voltage free DIN-type flat-pin plug type "N"</b> (may be mounted upon request)			
<b>AGL N2</b>	<b>Silicone equalising cable, type N, 2-wire (max. 200°C)</b>			<b>each m</b>

## NiCr-Ni Standard Measuring Probe "Type K" class 1 = highest precision-class according to DIN

Ordering type	Range °C	Application / Dimensions (mm)	Response time $t_{90}$	further technical details	Price
<b>GRS 500</b>	-65 ... +500°C	<b>Chimney/exhaust probe</b> - conforming to 1. BlmSchV, Combination probe with bypass and cone for simultaneous measurements of temperature and O <sub>2</sub> /CO/exhaust flow via by-pass connection to draft gauge 		dismountable V4A protection tube 8mm dia. with conical clamp screw and bypass in ~45° angle, plastic handle, silicone cable, DIN-type flat-pin plug	
<b>GLS 500</b>	-50 ... +500°C	<b>Soldering tip probe</b> for direct connection to instrument 	approx. 2 sec.	thermo couple springs (~5mm) with laser welded meas. point (wires 0.3 Ø), ceramic tube approx. 6 Ø, DIN-type flat-pin plug	
<b>GRF 200</b>	-50 ... +200°C	<b>Tire probe</b> fast response insertion probe with stop screw (needle adjustable 0 to 14 mm). Suitable for measuring temperature of tires and other soft media. 	approx. 5 sec.	plastic handle, spiral cable (approx. 1.2m drawn out), DIN-type flat-pin plug	