

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
GTF 1500/300 +50 ... +1500°C	Probe for burning kilns or similar applications 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" as above, however FL = 500mm	
GTF 1500/500 +50 ... +1500°C				
GBF 1550 +50 ... +1550°C	Bunsen burner probe 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"	
GTF 103 HT-S +50 ... +1600°C	Probe for fixed installation in burning kilns and similar appl. 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>	
GMFL	Metal flange for GTF1500/... and GTF103HT-S (to clamp to 15mm stainless steel pipes, sliding) DIN 43734			
AGL S2	Silicone equalising cable, type S, 2-wire (max. 200°C)	each m		

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

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
GRS 500	-65 ... +500°C	Chimney/exhaust probe - conforming to 1. BlmSchV, Combination probe with bypass and cone for simultaneous measurements of temperature and O2/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	
GLS 500	-50 ... +500°C	Soldering tip probe 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	
GRF 200	-50 ... +200°C	Tire probe 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	