



Resistance thermometer High temperature ceramic sensor 15/22 mm Series GF-8107

PRODUCT FEATURES

- ✓ Resistance thermometer
acc. to DIN EN 60751
- ✓ High precision measuring system
- ✓ Single / double measuring system
- ✓ Vibration resistant design
- ✓ High temperature resistance
- ✓ Durable
- ✓ Process and fail safe
- ✓ Temperature and long-term stable

TECHNICAL DETAILS

Core values

PT50/PT100/PT500/PT1000
KTY/NTC/PTC

Protection tube diameter

22,00 mm in standard

Nominal length

Min. 200 mm up to max. 1400 mm

Process connection

Threaded sleeve, gas tight
Stop flange

Thread size

G1
Further versions on request

Process temp. at the measuring tip

Up to +850 °C depending on version

Connection head versions

KK, AK with or without transmitter

Optional versions

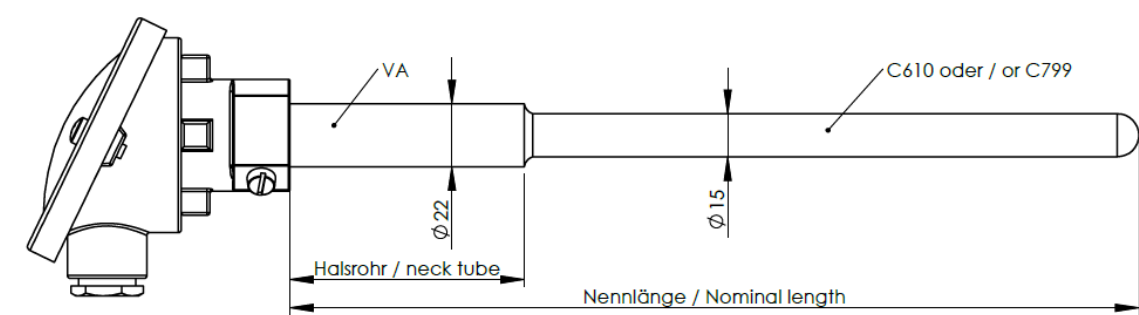
Measuring insert (optional)
Further versions on request

Protection tube material

Neck tube high temperature steel 1.4762
Protection tube ceramic C610/C799

Standard version												
	GF-8107											
Special version												
On request												
Number of measuring systems												
1x			1									
2x			2									
Core values measuring system												
PT100 Class B DIN EN 60751			n/a									
PT100 Class A DIN EN 60751			K1.A									
PT100 Class AA DIN EN 60751			K1.AA									
PT50/PT500/KTY/NTC/PTC + Type			KTY									
Further versions on request												
Types of electrical circuits												
2-wire-circuit			n/a									
3-wire-circuit			3-L									
4-wire-circuit			4-L									
Diameter protection tube												
15,00 mm / 22 mm neck tube			15/22									
Mention in mm												
Material protection tube												
Ceramic C610						C610						
Ceramic C799						C799						
Nominal length												
250 mm						250						
Mention in mm												
Length neck tube												
100 mm						100						
Mention in mm												
Thread / mounting												
G1 gas tight								84				
Mounting flange								F				
For further versions check accessories												
Connection head versions												
KK								KK				
AK								AK				
Check connection head selection												
Signal transmitter option												
Signal transmitter 4-20 mA								MU4-20mA				
Signal transmitter option temperature range												
Mention in °C								0°C...400°C				
Temperature measuring tip												
Mention in °C								400°C				
Order code (example) → GF-8107 .1. K1.A. 3-L. 10/15. C610. 250. 100. AK. 400°C												

DIMENSIONS



DIGITAL DATA
2D, 3D and CAD

to Download

