

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

PRODUCT FEATURES

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

TECHNICAL DETAILS

Core values

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

Protection tube diameter

22,00 mm in standard

Installation length

Min. 30 mm up to max. 1000mm

Process connection

Compression fitting, gas tight
Clamp flange

Thread size

G1
Further versions on request

Process temp. at the measuring tip

Up to +600°C depending on version

Connection head versions

BK, KK, AK with or without transmitter

Optional versions

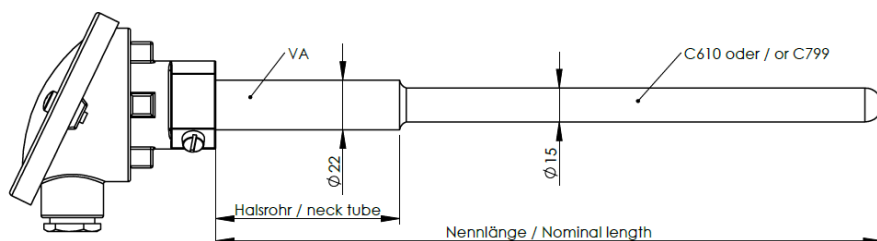
Measuring insert (optional)
Further versions on request

Protection tube material

Neck tube high temperature steel 1.4762
Protection tube ceramic

Standard version										
Version with neck tube	GF-8107									
Special version										
Number of measuring systems										
1x		1								
2x		2								
Core values measuring system										
PT100 Class B		n/a								
PT100 Class A		K1.A								
PT100 Class AA		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								
Further versions on request										
Diameter protection tube										
15,00 mm / 22 mm neck tube			15/22							
Mention in mm										
Material protection tube										
Ceramic							C			
Further versions on request										
Nominal length protection tube										
250 mm						250				
Mention in mm										
Length neck tube										
100 mm						100				
Mention in mm										
Thread / mounting										
G1							84			
Mounting flange							F			
For further versions check accessories										
Connection head versions										
BK								BK		
KK								KK		
AK								AK		
Check connection head selection										
Transmitter option										
MU + value								MU4-20mA		
Temperature measuring tip										
Mention in °C									400°C	
Order code (example)	→	GF-8107	1	K1.A.	3-L.	10/15.	D 250.	100.	AK.	400°C

MEASURES



DIGITAL DATA
2D, 3D and CAD

[to Download](#)