

Resistance thermometer High temperature angled sensor 22mm Series GF-8105

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. 3000mm

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

Leg lengths

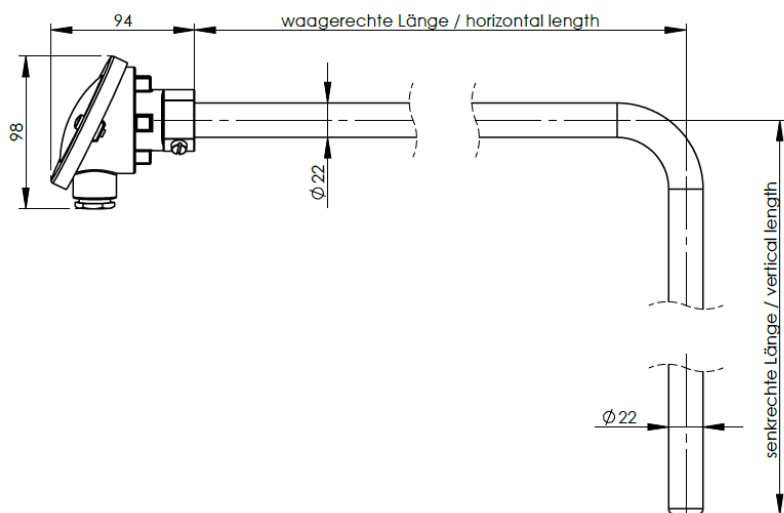
Vertically and horizontally freely
selectable

Protection tube material

Stainless steel 1.4571
High temperature steel 1.4762

Standard version									
Version with neck tube	GF-8105								
Special version									
Number of measuring systems									
1x		1							
2x		2							
Core values measuring system									
PT100 Class B		n/a							
PT100 Class A		K1A							
PT100 Class AA		K1AA							
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									
22,00 mm				22,00					
Mention in mm									
Material protection tube									
Stainless steel 1.4571					D				
High temperature steell 1.4762					B				
Further versions on request									
Leg length vertically									
250 mm						250			
Mention in mm									
Leg length horizontally									
500 mm							500		
Mention in mm									
Thread / mounting									
G1								84	
Mounting flange								F	
Further versions on request									
Connection head version									
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-8105 1 K1A. 3-L. 22. D 250. 500. AK. 400°C									

MEASURES



DIGITAL DATA
2D, 3D and CAD

[to Download](#)