



## Thermocouple High temperature angled sensor 22 mm Series GF-8005

### PRODUCT FEATURES

- ✓ Thermocouples  
acc. to DIN EN 60584
- ✓ High precision measuring system
- ✓ Single / double measuring system
- ✓ Electrical isolated or not isolated
- ✓ Durable
- ✓ Process and failsafe
- ✓ Temperature and long term stable
- ✓ FDA compliant version possible

### TECHNICAL DETAILS

#### Thermo voltage

Fe-CuNi/J-L, NiCr-Ni/K, PtRh-Pt/S-R

#### Protection tube diameter

22 mm in standard

#### Installation length

Min. 30 mm up to max. 3000 mm

#### Process connection

Compression fitting, gas tight  
Mounting flange

#### Thread size

G1

Further versions on request

#### Process temp. at the measuring tip

Up to +1200 °C depending on version

#### Connection head versions

AK, KK, BK with or without transmitter

#### Optional versions

Measuring insert (optional)  
Further versions on request

#### Leg lengths

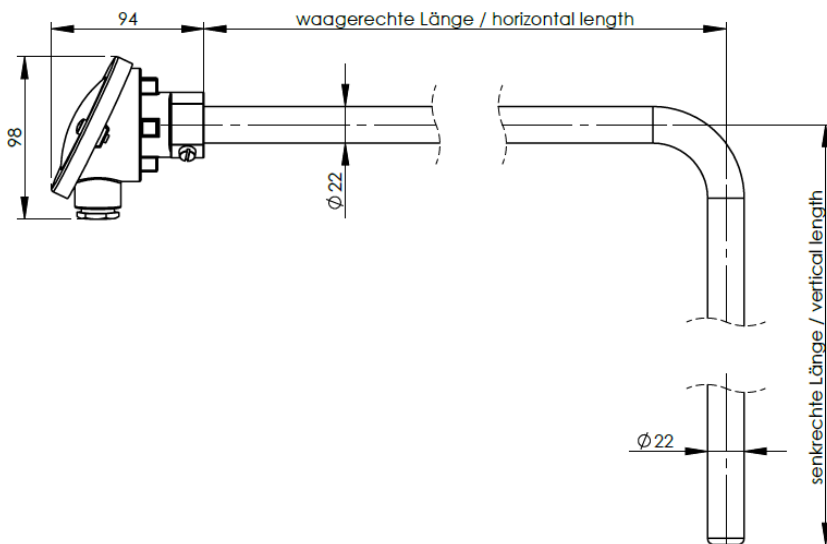
Vertically and horizontally freely  
selectable

#### Protection tube material

Stainless steel 1.4571  
High temperature steel 1.4762

<b>Standard version</b>											
Version with neck tube	GF-8005										
Special version											
<b>Number of measuring systems</b>											
1 x		1									
2x		2									
<b>Type of element</b>											
Fe-CuNi Type J			FK-J								
Fe-CuNi Type L			FK-L								
Fe-CuNi Type K			NC								
Check element selection											
<b>Electrical properties</b>											
Grounded			e								
Isolated			i								
<b>Diameter protection tube</b>											
22 mm			22								
Mention in mm											
<b>Material protection tube</b>											
Stainless steel 1.4571			D								
High temperature steell 1.4762			B								
Further versions on request											
<b>Leg length vertically</b>											
250 mm			250								
Mention in mm											
<b>Leg length horizontally</b>											
500 mm			500								
Mention in mm											
<b>Thread / mounting</b>											
G1						84					
Mounting flange						F					
Further versions on request											
<b>Connection head version</b>											
AK standard							AK				
KK							KK				
BK							BK				
Further on request											
<b>Transmitter option</b>											
MU "output ; temperature range"								MU4-20mA;0...400 °C			
<b>Temperature measuring tip</b>											
Mention in °C									400°C		
<b>Order code (example)</b>	<b>→</b>	GF-8005.	1.	FK-J.	e.	22.	D.	lv=250.	lh= 500.	AK.	400°C

MEASURES





DIGITAL DATA  
2D, 3D and CAD

to Download