



# Resistance thermometer installation sensor with bayonet Series GF-7108

## 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
- ✓ FDA compliant version possible

## TECHNICAL DETAILS

### Core values

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

### Diameter

2,0 mm – 5,00 mm in standard

### Form of the measuring tip

118° angled, flat, convex

### Bayonet lock

stainless steel  
VK-08

### Kink protection-/ threaded spring

- Stainless steel / Inconel up to 1000 mm
- Standard 180 mm

### Process temp. at the measuring tip

Up to +600 °C depending on version

### Process-connection adapter

Threaded adaptor

### High – quality cable types

Connection cables  
All available versions

### Connectivity

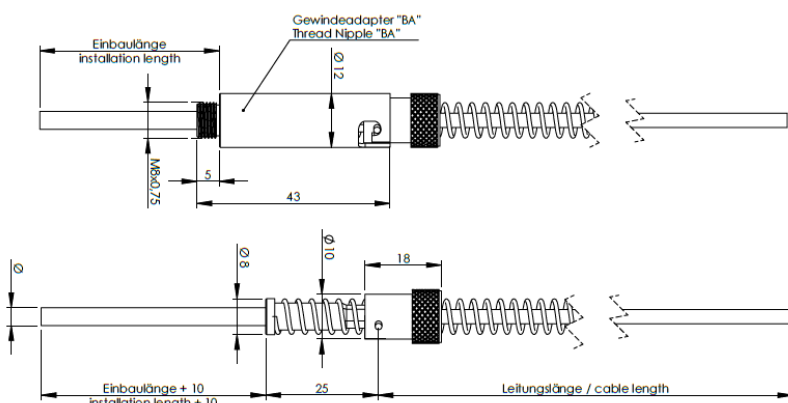
Free ends, plug

### Special version

Customized, on request

<b>Standard version</b>													
	GF-7108												
<b>Number of measuring systems</b>													
1x		1											
2x		2											
<b>Core values measuring system</b>													
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													
<b>Types of electrical circuits</b>													
2-wire-circuit			n/a										
3-wire-circuit			3-L										
4-wire-circuit			4-L										
Further versions on request													
<b>Diameter of the measuring tube</b>													
2,0 mm			2,0										
2,5 mm			2,5										
3,0 mm			3,0										
4,0 mm standard			4,0										
Mention in mm													
<b>Measuring tube form (check graphic below)</b>													
Angled 118°							W						
Flat							P						
Convex							B						
Special form													
<b>Installation length incl. thread adapter</b>													
50 mm								50					
Mention in mm													
<b>Bayonet version</b>													
VK-08 (OD=10,0mm) Standard									VK-08				
Further versions on request													
<b>Thread adapter with wrench size or round</b>													
without									-				
GN-38x43 (M8x0,75 x length) Standard									38				
Further versions on request													
<b>Cable length in mm</b>													
Mention in mm										XXXX			
<b>Cable type</b>													
Glass fiber - Glass fiber - stainless steel braid										without mention			
Glass fiber - Glass fiber - stainless steel braid - PTFE										GL-GL-PVA-TE			
R - Glass fiber - R - Glass fiber - stainless steel braid										RGL-RGL-PVA			
Further versions on request													
<b>Connection</b>													
Free Ends, 60 mm											A		
Check ends											PRF		
LEMO plug + size + number of poles											LST2PS		
Round plug screw lock + size + number of poles											DST3PS		
M 12 Round plug + number of poles											EST-M12-4P		
Further versions on request, see data sheet connectors													
<b>Temperature measuring tip</b>													
Mention in °C												400°C	
<b>Order code (example)</b>	→	GF-7108	.1.	-.	3-L.	3,0.	P.	50.	VK-08.	38.	3000.	A.	400°C

MEASURES



**DIGITAL DATA**  
2D, 3D and CAD

[to Download](#)