

## Resistance thermometer Bayonet and angled cable outlet Series GF-7121

### 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

#### Diameter

4,76 mm - 10,00 mm in standard

#### Form of the measuring tip

118° angled, plan, convex

#### Bayonet-lock

Nickel plated steel or stainless steel  
VK-14/VK-17/VK-19

#### Kink protection-/ threaded spring

Stainless steel 1.4571

#### Process temp. at the measuring tip

Up to +600°C depending on version

#### Process-connection adapter

Thread adapter

#### High - quality cable types

Connection cables  
All available versions

#### Connectivity

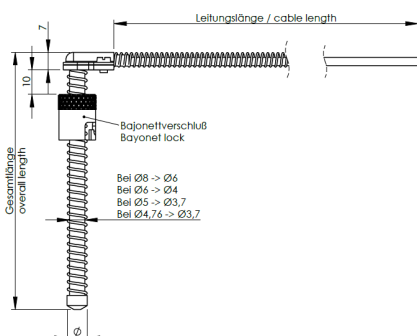
Free ends, plug, special

#### Special version

Customized, on request

<b>Standard version</b>										
	GF-7121									
<b>Number of measuring systems</b>										
1x		1								
2x		2								
<b>Core values measuring system</b>										
PT100 Class B		n/a								
PT100 Class A		K1A								
PT100 Class AA		K1AA								
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>										
4,76 mm		4,76								
5,0 mm		5,0								
6,0 mm		6,0								
8,0 mm		8,0								
Mention in mm										
<b>Measuring tube form (check graphic below)</b>										
Angled 118°								W		
Plan								P		
Convex								B		
Special version										
<b>Length over all</b>										
50 mm								50		
Mention in mm										
<b>Bayonet version</b>										
VK-14 (ID=12,4mm)									VK-14	
VK-17 (ID=15,4mm)									VK-17	
VK-19 (ID=16,5mm)									VK-19	
VK-21 (ID=15,5mm-Stiftausführung)									VK-21	
Further versions on request										
<b>Thread adapter with wrench size or round</b>										
without									-	
GN-40x30 (M10x1 x length)									40	
GN-41x30 (M12x1 x length)									41	
GN-42-30 (M14x1,5 x length)									42	
GN-43x30 (G1/4 x length)									43	
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
Check cable types										
<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
Check plug types										
<b>Temperature measuring tip</b>										
Mention in °C										400°C
<b>Order code (example) → GF-7121 1 K1A. 4-L. 4.0. W. 50. VK-14. 42. 3000. A. 400°C</b>										

MEASURES





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

to Download