

Resistance thermometer Angled sensor with bayonet Series GF-7121

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

TECHNICAL DETAILS

Core values

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

Diameter

4,76 mm -8,00 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

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

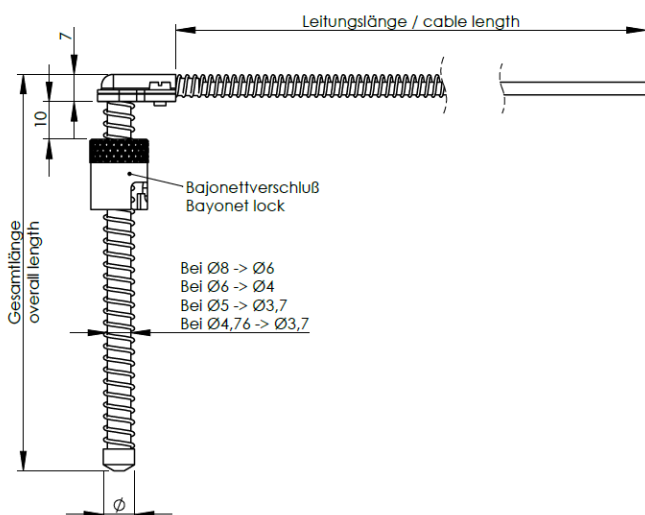
Free ends, plug

Special version

Customized, on request

Standard version												
	GF-7121											
Number of measuring systems												
1x		1										
2x		2										
Core values measuring system												
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												
Types of electrical circuits												
2-wire-circuit			n/a									
3-wire-circuit			3-L									
4-wire-circuit			4-L									
Diameter of the measuring tube												
4,76 mm			4,76									
5,0 mm			5,0									
6,0 mm			6,0									
8,0 mm			8,0									
Mention in mm												
Measuring tube form												
Angled 118°				W								
Plan				P								
Convex				B								
Length over all												
50 mm					50							
Mention in mm												
Bayonet version												
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												
Thread adapter with wrench size or round												
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						
On request, see datasheet threaded adaptors												
Cable length in mm												
Mention in mm						XXXX						
Cable type												
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												
Connection												
Free Ends, 60 mm										A		
Check ends										PRF		
LEMO plug + number of poles + size										LST2P1S		
Round plug screw lock + number of poles										DST3PS		
M 12 Round plug + number of poles										EST-M12-4P		
On request, see datasheets connectors												
Temperature measuring tip												
Mention in °C												400°C
Order code (example) → GF-7121 .1. K1.A. 4-L. 4,76. W. 50. VK-14. 42. 3000. A. 400°C												

MEASURES



DIGITAL DATA
2D, 3D and CAD

to Download