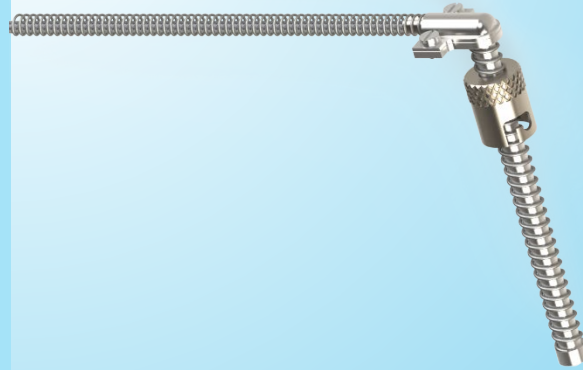




Resistance thermometer Angled sensor with bayonet Series GF-7121

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

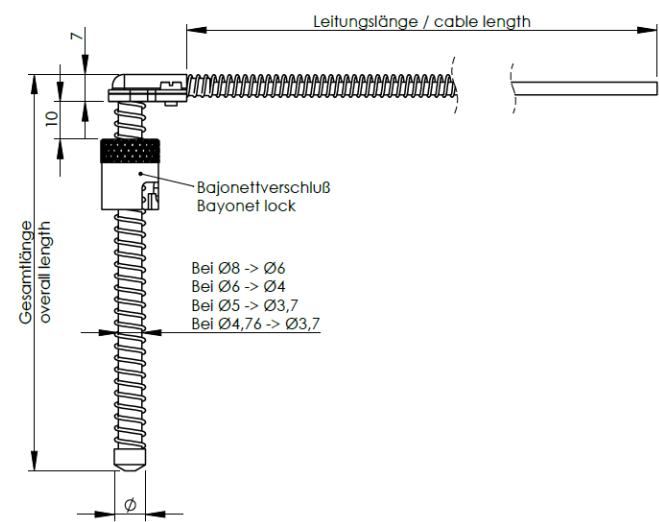
Free ends, plug

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