



Resistance thermometer Angled sensor with compression fitting Series GF-7126

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

3,0 mm – 8,00 mm in standard

Form of the measuring tip

118° angled, plan, convex

Installation length

Min. 20 mm up to max. 2000 mm

Material

Sensor completely made of stainless
steel

Process temp. at the measuring tip

Up to +600 °C depending on version

Process connection

Using a suitable compression fitting
Metric or inch

High – quality cable types

Connection cables
All available versions

Connectivity

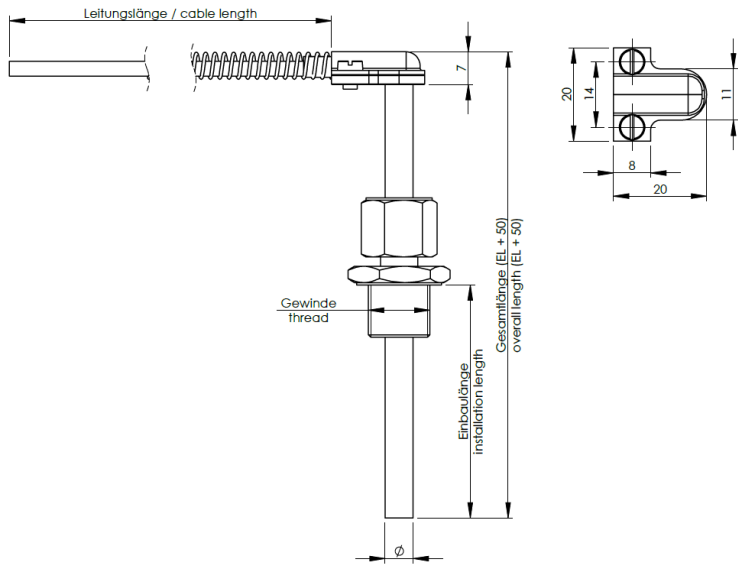
Free ends, plug

Special version

Customized, on request

Standard version												
	GF-7126											
Number of measuring systems												
1x		1										
2x		2										
Core values measuring system												
PT100 Class B DIN EN 60751			o.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				o.a.								
3-wire-circuit				3-L								
4-wire-circuit				4-L								
Diameter of the measuring tip												
3,0 mm					3,0							
4,0 mm					4,0							
5,0 mm					5,0							
6,0 mm					6,0							
Mention in mm												
Measuring tube form												
Angled 118°						W						
Plan						P						
Convex						B						
Installation length												
50 mm						50						
Mention in mm												
Suitable compression fitting												
M8x1							38					
M10x1							40					
M12x1							41					
M14x1,5							42					
G1/4							43					
G1/2							82					
Further versions on request												
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 datasheet connectors												
Temperature measuring tip												
Mention in °C												400°C
Order code (example) → GF-7126 .1. K1.A. 3-L. 6,0. P. 50. 82. 3000. A. 400°C												

MEASURES



DIGITAL DATA
2D, 3D and CAD

to Download