

## Resistance thermometer with fixed screw Series GF-7127

### 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 DEATAILS

#### 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. 10mm up to max. 2000mm

#### Material

Sensor completely made of stainless steel

#### Process temp. at the measuring tip

Up to +600°C depending on version

#### Process connection

DIN 910 screw or compression fitting

#### High – quality cable types

Connection cables  
All available versions

#### Connectivity

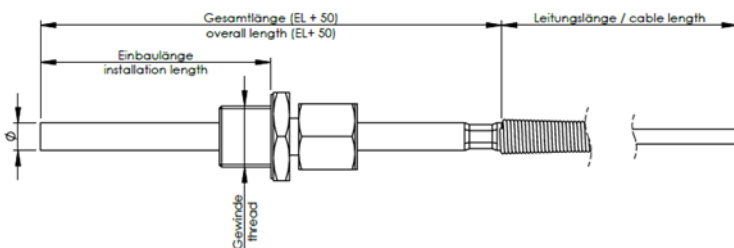
Free ends, plug, special

#### Special version

Customized, on request

<b>Standard version</b>										
	GF-7127									
<b>Number of measuring systems</b>										
1x			1							
2x			2							
<b>Core values measuring system</b>										
PT100 Class B			n/a							
PT100 Class A			K1.A							
PT100 Class AA			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 measuring tip</b>										
1,0 mm						1,0				
2,0 mm						2,0				
3,0 mm						3,0				
6,0 mm						6,0				
Mention in mm										
<b>Measuring tube form (check graphic below)</b>										
Angled 118°								W		
Plan								P		
Convex								B		
Special version										
<b>Installation length</b>										
50 mm								50		
Mention in mm										
<b>Suitable DIN screw or compression fitting</b>										
G1/4									43	
G1/2									82	
G3/4									83	
G1									84	
M8									M8	
M10									M10	
M12									M12	
M16									M16	
M24									M24	
Version with compression fitting									KLV/	
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-7127 1 -. -. 6,0. P. 50. 82. 3000. A. 400°C</b>										

MEASURES



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

[to Download](#)