



# Resistance thermometer Cable sensor straight protection tube Series GF-7124

## 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
- ✓ ATEX version
- ✓ FDA / CE compliant version

## TECHNICAL DETAILS

### Core values

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

### Diameter

1,87 mm - 10,00 mm in standard

### Form of the measuring tip

118° angled, plan, convex

### Installation length

Min. 10 mm up to max. 2000 mm

### Material

Stainless steel or brass

### Process temp. at the measuring tip

Up to +600 °C depending on version

### Cable outlet

Extension sleeve made of stainless steel

### High - quality cable types

Connection cables  
All available versions

### Connectivity

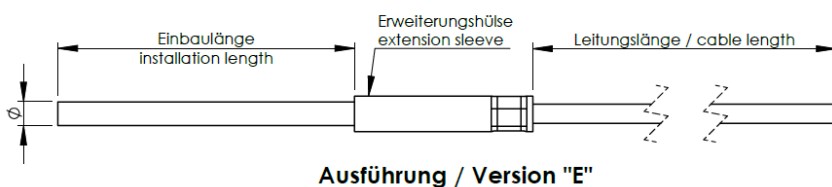
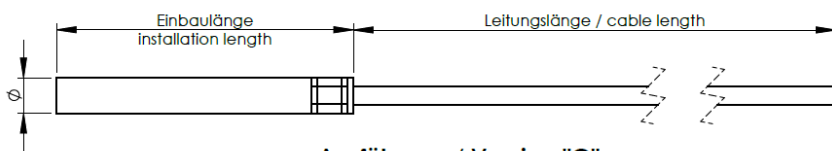
Free ends, plug

### Special version

Customized, on request

<b>Standard version</b>									
	GF-7124								
<b>Special version</b>									
ATEX	/EX								
<b>Number of measuring systems</b>									
1x		1							
2x		2							
<b>Core values measuring system</b>									
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									
<b>Types of electrical circuits</b>									
2-wire-circuit			n/a						
3-wire-circuit			3-L						
4-wire-circuit			4-L						
<b>Diameter of the measuring tube</b>									
3,0 mm				3,0					
4,0 mm				4,0					
5,0 mm				5,0					
6,0 mm				6,0					
Mention in mm									
<b>Measuring tube form</b>									
Angled 118°							W		
Plan							P		
Convex							B		
Special version									
<b>Installation length</b>									
50 mm							50		
Angabe in mm									
<b>Cable outlet design (check graphic below)</b>									
Extension (E = diameter x length in mm)							E=6x30		
Straight							G		
<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 + 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									
<b>Temperature measuring tip</b>									
Mention in °C									400°C
<b>Order code (example)</b> → GF-7124 .1. K1.A. 4-L. 6,0. P. 50. E=6x30. 3000. A. 400°C									

MEASURES



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

to Download