



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

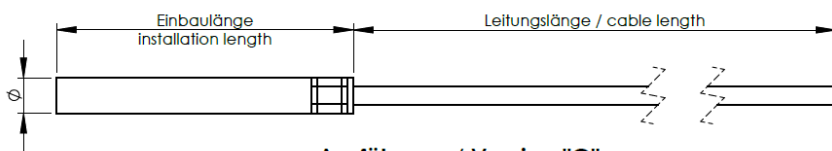
Free ends, plug

Special version

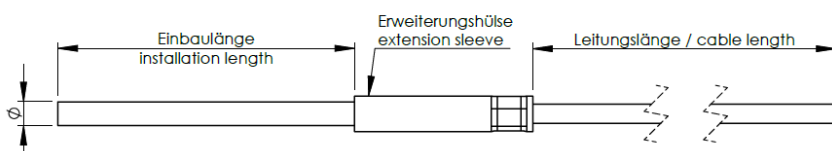
Customized, on request

Standard version											
	GF-7124										
Special version											
ATEX	/EX										
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											
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				
Special version											
Installation length											
50 mm							50				
Angabe in mm											
Cable outlet design (check graphic below)											
Extension (E = diameter x length in mm)							E=6x30				
Straight											
							G				
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-7124	.1	K1.A	4-L	6,0	P	50	E=6x30	3000	A	400°C

MEASURES



Ausführung / Version "G"



Ausführung / Version "E"

DIGITAL DATA
2D, 3D and CAD

to Download