



Resistance thermometer Angled installation sensor Series GF-7118

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 DETAILS

Core values

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

Diameter

1,87 mm - 6,00 mm im Standard

Form of the measuring tip

118° angled, plan, convex, spherical

Installation length

Min. 10mm up to max. 2000mm

Kink protection-/ threaded spring

- Stainless steel / Inconel up to 1000 mm
- Standard 180 mm
- Standard 250 mm

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

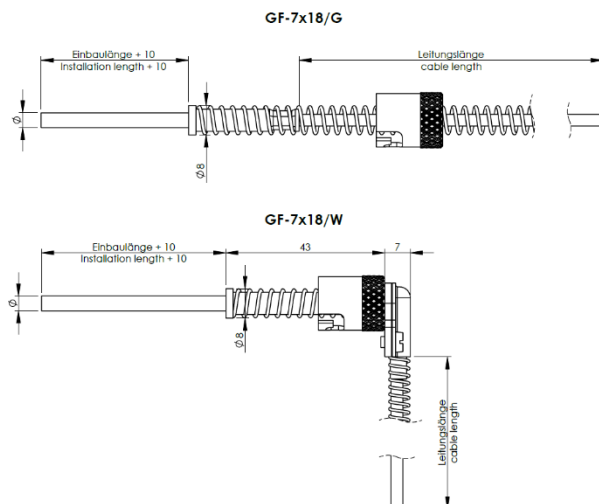
Free ends, plug, special

Special version

Customized, on request

Standard version									
	GF-7118								
Number of measuring systems									
1x		1							
2x		2							
Core values measuring system									
PT100 / Class B		n/a							
PT100 / Class A		K1.A							
PT100 / Class AA (1/3 DIN B)		K1.AA							
PT50/PT500/PT1000/PTC/NTC/KTY		KTY							
Further versions on request									
Types of electrical circuits									
2-wire-circuit		n/a							
3-wire-circuit		3-L							
4-wire-circuit		4-L							
Further versions on request									
Diameter of the measuring tube									
1,0 mm				1,87					
1,5 mm				2,0					
3,0 mm				3,0					
4,0 mm				4,0					
Mention in mm									
Measuring tube form (check graphic below)									
Angled 118°						W			
Plan						P			
Convex						B			
Spherical						K			
Special version									
Installation length incl. thread adapter									
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-pin version)								VK-21	
Further versions on request									
Thread adapter with wrench size or round									
without								-	
GN-38x43 (M8x0,75 x length) Standard								38	
GN-40x30 (M10x1 x length)								40	
GN-41x30 (M12x1 x length)								41	
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 + 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									
Temperature measuring tip									
Mention in °C									400°C
Order code (example) → GF-7118 1 K1.A. 3-L. 3.0. P. 50. VK-14. 38. 3000. A. 400°C									

MEASURES



DIGITAL DATA
2D, 3D and CAD

[to Download](#)