

# Resistance Thermometer Installation sensor with bayonet Series GF-7118

## PRODUCT FEATURES

- ✓ Resistance thermometer acc. to DIN EN 60751
- ✓ High precision platinum sensor
- ✓ 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

2,00 mm - 6,00 mm im Standard

### Form of the measuring tip

118° angled, plan, convex

### Installation length

Min. 20 mm up to max. 2000 mm

### Kink protection-/ threaded spring

- Stainless steel up to 5000 mm
- Inconel up to 180 mm
- Standard 180 mm
- Standard 250 mm

### Process temp. at the measuring tip

Up to +600 °C depending on version

### Process-connection adapter

Metric or inch

### High - quality cable types

Connection cables  
All available versions

### Connectivity

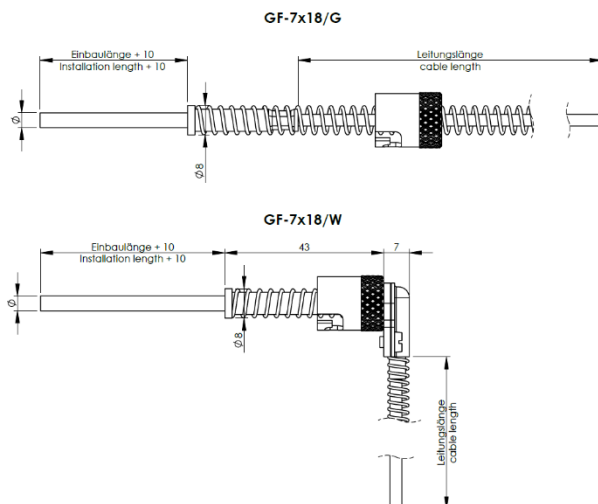
Free ends, plug

### Special version

Customized, on request

<b>Standard version</b>											
	GF-7118										
<b>Cable outlet</b>											
Straight	/G										
Angled	/W										
<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/PT1000/PTC/NTC/KTY	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>											
2,0 mm	2,0										
2,5 mm	2,5										
3,0 mm	3,0										
4,0 mm as standard	4,0										
Mention in mm											
<b>Measuring tube form</b>											
Angled 118°	W										
Plan	P										
Convex	B										
<b>Installation length incl. threaded adaptor</b>											
50 mm	50										
Mention in mm											
<b>Bayonet version</b>											
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											
<b>Thread adaptor with wrench size or round</b>											
without	-										
GN-38x43 (M8x0,75 x length) Standard	38										
GN-40x30 (M10x1 x length)	40										
GN-41x30 (M12x1 x length)	41										
On request, see datasheet threaded adaptors											
<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 datasheets connectors											
<b>Temperature measuring tip</b>											
Mention in °C	400°C										
<b>Order code (example)</b> → GF-7118 /G .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](#)