

# Resistance thermometer Installation sensor for acids and bases Series GF-7139

## 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 protection tube

Min. 8,00 mm up to max. 12,0 mm

### Form of the measuring tip

In stages, plan, angled, spherical  
Weitere Ausführungen auf Anfrage

### Installation length

Min. 20 mm up to max. 250 mm

### Material of the protection tube

Completely made of PTFE,  
Acid proof, alkali / bases proof  
stainless steel measuring tip available

### Process temp. at the measuring tip

Up to +160°C depending on version

### Process connection

Standard M14  
Further versions on request

### High – quality cable types

Connection cables  
All available versions

### Connectivity

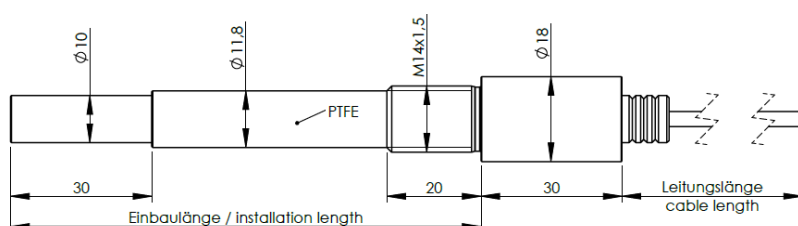
Free ends, plug, special

### Special version

Customized, on request

<b>Standard version</b>											
	GF-7139										
<b>Special version</b>											
Standard version „PTFE“ (without mention)											
Version with stainless steel measuring tip /E											
<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>											
8,0 mm	8,0										
10,0 mm	10,0										
12,0 mm	12,0										
Further versions on request											
<b>Measuring tube form</b>											
Plan	P										
Angled 118°	W										
Spherical	B										
<b>Installation length incl. thread</b>											
50 mm	50										
Mention in mm											
<b>Thread size</b>											
M14	M14										
G1/2	82										
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)</b> → GF-7139 1 - . 3-L. 8,0 P 50 82 3000. A 400°C											

MEASURES



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

[to Download](#)