



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

## 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
- ✓ FDA compliant version

## TECHNICAL DETAILS

### Core values

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

### Diameter protection tube

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

### Form of the measuring tip

Straight  
Stepped

### Installation length

Min. 50 mm up to max. 500 mm

### Material of the protection tube

Completely made of PTFE,  
Acid-/bases-proof

### Process temp. at the measuring tip

Up to +250 °C depending on version

### Process connection

Standard M14  
Further versions on request

### High – quality cable types

Connection cables  
All available versions

### Connectivity

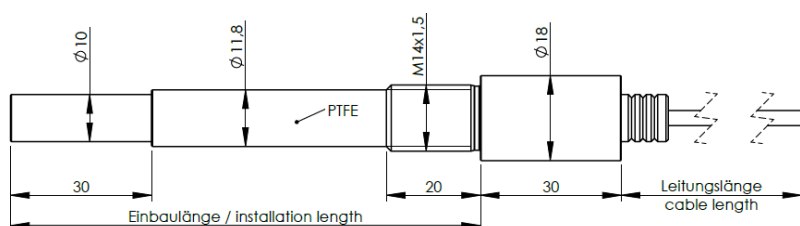
Free ends, plug

### Special version

Customized, on request

<b>Standard version</b>									
	GF-7139								
<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			K1A						
PT100 Class AA DIN EN 60751			K1AA						
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 measuring tip</b>									
8,0 mm				8,0					
10,0 mm				10,0					
12,0 mm				12,0					
Further versions on request									
<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 + 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									250°C
<b>Order code (example)</b> → GF-7139 .1. -. 3-L. 8,0. 50. 82. 3000. A. 250°C									

**DIMENSIONS**





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

to Download