



# Thermocouple Installation sensor for acids and bases Series GF-7039

## PRODUCT FEATURES

- ✓ Thermocouples  
acc. to DIN EN 60584
- ✓ High precision thermo cable
- ✓ High precision measuring system
- ✓ Single / double measuring system
- ✓ Electrical isolated or not isolated
- ✓ Pure silver interior design
- ✓ Durable
- ✓ Process and failsafe
- ✓ Temperature and long term stable
- ✓ ATEX version
- ✓ FDA / CE compliant version

## TECHNICAL DETAILS

### Thermo voltage

Fe-CuNi/J-L, NiCr-Ni/K, Pt-RhPt/S-R

### Diameter protection tube

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

### Form of the measuring tip

In stages  
Plan, angled, spherical  
Further versions on request

### 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

Thermocouple cables  
All available versions

### Connectivity

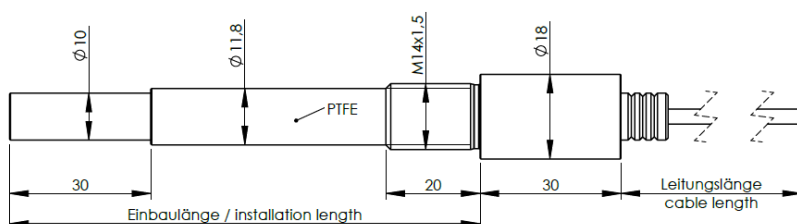
Free ends, plug, special

### Special version

Customized, on request

<b>Standard version</b>										
	GF-7039									
<b>Special version</b>										
Standard version „PTFE“ (without mention)										
Version with stainless steel measuring tip /E										
<b>Number of measuring systems</b>										
1 x	1									
2x	2									
<b>Type of element</b>										
Fe-CuNi Type J	FK-J									
Fe-CuNi Type L	FK-L									
Fe-CuNi Type K	NC									
Check element selection										
<b>Electrical properties</b>										
Grounded	e									
Isolated	i									
<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									
Thermo plug „S“ Standard / „M“ Mini	TSTXS									
Round plug bayonet lock	CST3PB									
Round plug screw lock	CST3PS									
Check plug types										
<b>Temperature measuring tip</b>										
Mention in °C 400°C										
<b>Order code (example)</b> → GF-7039 1 FK-J. i. 8,0 P 50 82 3000. A 400°C										

MEASURES



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

[to Download](#)