

# Thermocouple Measuring insert with connection socket Series GF-9000

## 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

2,0 mm – 8,00 mm in standard

### Form of the measuring tip

plan

### Installation length

Min. 30mm up to max. 2000mm

### Material

Stainless steel  
Inconell

### Process temp. at the measuring tip

Up to +1200°C depending on version

### Usage

Measuring insert for use with sensors  
of the GF-8XXX series

### High quality inner wires

Thermocouple cable

### Connectivity

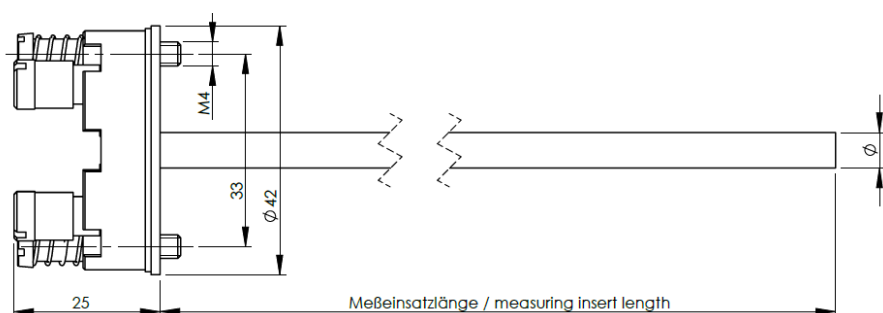
Ceramic connection sockets with  
connection terminals

### Special versions

Customized, on request

<b>Standard version</b>							
	GF-9000						
<b>Number of measuring systems</b>							
1x		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				
PlRh-Pt Type S			PR				
Check element selection							
<b>Electrical properties</b>							
Grounded			e				
Isolated			i				
<b>Graduation (fast response time)</b>							
Diameter x length				4x40			
Mention in mm							
<b>Diameter measuring tube</b>							
2,0 mm				2,0			
3,0 mm				3,0			
4,0 mm				4,0			
5,0 mm				5,0			
Mention in mm							
<b>Material protection tube</b>							
Stainless steel					VA		
Inconel					INC		
Further versions on request							
<b>Measuring insert length</b>							
50 mm						50	
Mention in mm							
<b>Temperature measuring tip</b>							
Mention in °C							400°C
<b>Order code (example)</b>		→	GF-9000	1	FK-J.	e.	4,0. P. 50. 400°C

MEASURES



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

[to Download](#)