

# Resistance thermometer Measuring insert with connection socket Series GF-9100

## 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

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 +600°C depending on version

### Usage

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

### High quality inner wires

Thermocouple cable

### Connectivity

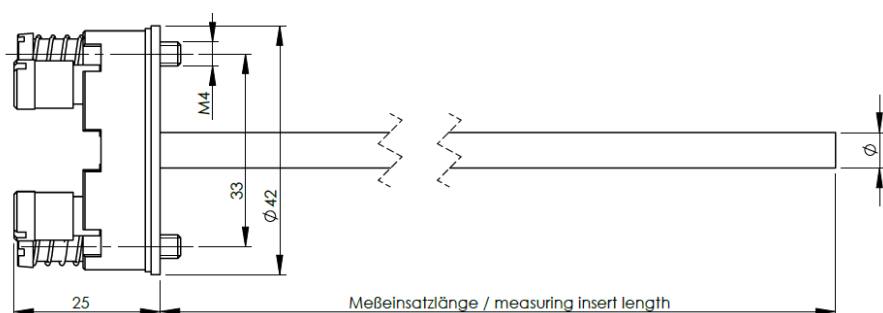
Ceramic connection sockets with connection terminals

### Special versions

Customized, on request

<b>Standard version</b>									
	GF-9100								
<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>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>	<b>→</b>	GF-9100	1	-.	4-L.	4,0.	P.	50.	400°C

MEASURES



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

[to Download](#)