



Resistance thermometer Measuring insert with connection socket Series GF-9100

PRODUCT FEATURES

- ✓ Resistance thermometer
acc. to DIN EN 60751
- ✓ High precision measuring system
- ✓ Single / double / triple measuring
system
- ✓ Vibration resistant design
- ✓ High temperature resistance
- ✓ Durable
- ✓ Process and fail safe
- ✓ Temperature and long-term stable

TECHNICAL DETAILS

Core values

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

Diameter

3,0 mm – 8,0 mm in standard

Form of the measuring tip

Flat

Installation length

Min. 50 mm up to max. 2000 mm

Material

Stainless steel
Inconel

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

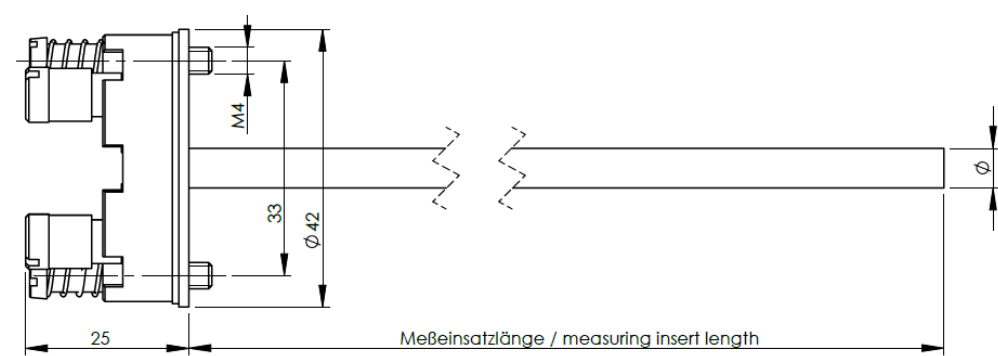
Ceramic connection socket
Signal-transmitter

Special versions

Customized, on request

Standard version									
	GF-9100								
Number of measuring systems									
1x		1							
2x		2							
3x		3							
Core values measuring system									
PT100 Class B DIN EN 60751		n/a							
PT100 Class A DIN EN 60751		K1.A							
PT100 Class AA DIN EN 60751		K1.AA							
PT50/PT500/KTY/NTC/PTC + Type		KTY							
Further versions on request									
Types of electrical circuits									
2-wire-circuit		n/a							
3-wire-circuit		3-L							
4-wire-circuit		4-L							
Diameter measuring tube									
3,0 mm				3,0					
4,0 mm				4,0					
5,0 mm				5,0					
Mention in mm									
Measuring insert length									
50 mm				50					
Mention in mm									
Option signal-transmitter									
Signal-transmitter 4- 20 mA					MU4-20mA				
Option signal-transmitter temperature range									
Mention in °C					0°C...400°C				
Temperature measuring tip									
Mention in °C								400°C	
Order code (example)	→	GF-9100	.1.	-.	4-L.	4,0.	50.		400°C

DIMENSIONS



DIGITAL DATA
2D, 3D and CAD



to Download