



Thermocouple Measuring insert with connection socket Series GF-9000

PRODUCT FEATURES

- ✓ Thermocouples
acc. to DIN EN 60584
- ✓ High precision thermo-couple
- ✓ Single / double / triple measuring
system
- ✓ Electrical isolated or not isolated
- ✓ Durable
- ✓ Process and failsafe
- ✓ Temperature and long term stable

TECHNICAL DETAILS

Thermo voltage

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

Diameter

3,0 mm – 8,00 mm in standard

Form of the measuring tip

Flat

Installation length

Min. 50 mm up to max. 2000 mm

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

Connectivity

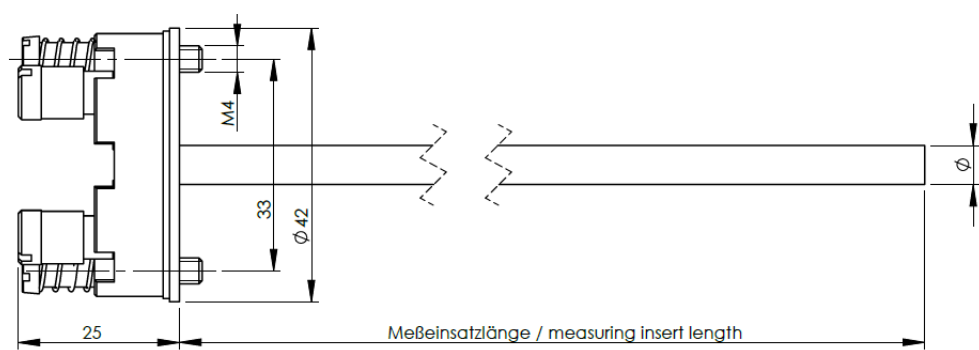
Ceramic connection socket
Signal-transmitter

Special versions

Customized, on request

Standard version									
		GF-9000							
Number of measuring systems									
1x		1							
2x		2							
3x		3							
Type of element									
Fe-CuNi Type J DIN EN 60584		FK-J							
Fe-CuNi Type L DIN 43710		FK-L							
NiCr-Ni Type K DIN EN 60584		NC							
Pt10Rh-Pt Typ S DIN EN 60584		Pt10Rh-Pt							
Pt13Rh-Pt Typ R DIN EN 60584		Pt13Rh-Pt							
Electrical properties									
Grounded			e						
Isolated			i						
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-9000 .1. FK-J. e. 4,0. 50. 400°C									

DIMENSIONS



DIGITAL DATA
2D, 3D and CAD



to Download