



Thermocouple High temperature screw-in sensor 22 mm Series GF-8003

PRODUCT FEATURES

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

TECHNICAL DETAILS

Thermo voltage

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

Protection tube diameter

22,00 mm in standard

Nominal length

Min. 100 mm up to max. 2000 mm

Process connection

Threaded sleeve, gas tight
stop flange

Size of the thread

G1, G3/4

Further versions on request

Process temp. at the measuring tip

Up to +1200 °C depending on version

Connection head versions

KK, AK with or without transmitter

Optional versions

Measuring insert (optional) Further
versions on request

Protection tube material

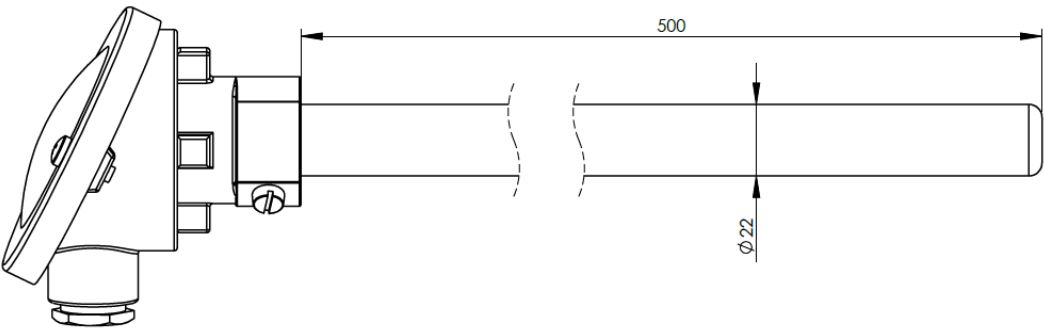
Stainless steel 1.4571

High temperature steel 1.4762

High temperature steel 1.4841

Standard version				GF-8003									
Special version													
On request													
Number of measuring systems													
1 x				1									
2x				2									
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 protection tube													
22,00 mm				22									
Mention in mm													
Material protection tube													
Stainless steel 1.4571				D									
High temperature steel 1.4762				B									
High temperature steel 1.4841				E									
Further versions on request													
Nominal length													
100 mm				100									
Mention in mm													
Thread sizes													
G3/4				83									
G1				84									
Stop flange				F									
Further accessories on request													
Connection head versions													
KK				KK									
AK				AK									
Further version on request													
Signaltransmitter option													
Signaltransmitter 4-20 mA				MU4-20mA									
Signaltransmitter 0-10 V				MU0-10V									
Signaltransmitter option temperature range													
Mention in °C				0°C...400°C									
Temperature measuring tip													
Mention in °C				400°C									
Order code (example)				→ GF-8003 .1. FK-J. e. 22. D. 100. KK. 400°C									

DIMENSIONS





DIGITAL DATA
2D, 3D and CAD

to Download