



Thermocouple High temperature screw-in sensor 15 mm Series GF-8002

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

15,00 mm as standard

Nominal length

Min. 100 mm up to max. 2000 mm

Process connection

Threaded sleeve, gas tight
stop flange

Size of the thread

G1, G1/2, G3/4

Further versions on request

Process temp. at the measuring tip

Up to +1200 °C depending on version

Connection head versions

BK, KK, AK with or without transmitter

Optional versions

Measuring insert (optional)

Further versions on request

Protection tube material

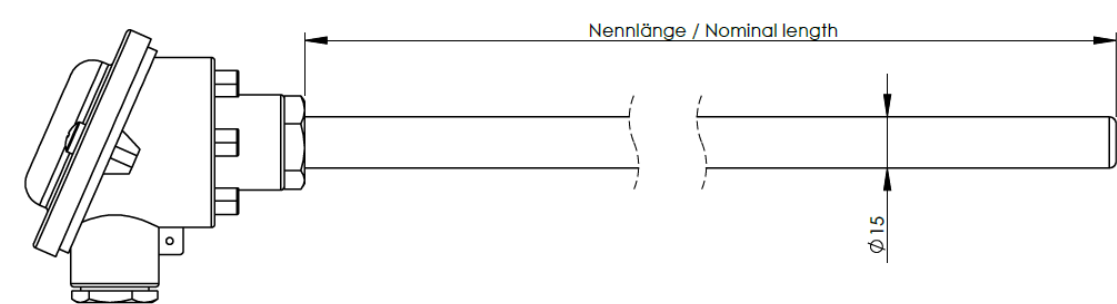
Stainless steel 1.4571

High temperature steel 1.4762

High temperature steel 1.4841

Standard version		GF-8002											
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							
Fe-CuNi 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													
15,00 mm						15							
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 lenght													
100 mm								100					
Mention in mm													
Thread sizes / flange													
G1/2 gas-tight								82					
G3/4 gas-tight								83					
G1 gas-tight								84					
Stop flange								F					
Further accessories on request													
Connection head versions													
BK										BK			
KK										KK			
AK										AK			
Further versions on request													
Signal transmitter options													
Transmitter 4-20 mA										MU4-20mA			
Transmitter 0-10 V										MU0-10V			
Signal transmitter options temperature range													
Mention in °C												0°C...400°C	
Temperature measuring tip													
Mention in °C												400°C	
Order code (example)		→		GF-8002		.1.		FK-J.		e. 15.		D 100. BK. 400°C	

DIMENSIONS



DIGITAL DATA
2D, 3D and CAD

to Download

