



Thermocouple Screw in sensor with connection head Series GF-8000 & GF-8000/A

PRODUCT FEATURES

- ✓ Thermocouples
acc. to DIN EN 60584
- ✓ High precision thermo cable
- ✓ High precision measuring system
- ✓ Single / double measuring system
- ✓ Electrical isolated or not isolated
- ✓ Pure silver interior design
- ✓ Durable
- ✓ Process and failsafe
- ✓ Temperature and long term stable
- ✓ ATEX version
- ✓ FDA / CE compliant version

TECHNICAL DETAILS

Thermo voltage

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

Protection tube diameter

8,00 mm - 12,00 mm in standard

Installation length

Min. 30 mm up to max. 3000mm

Screw thread

DIN 910 fixed screw thread
Compression fitting

Thread sizes

G1/4, G1/2, G1, M8, M10, M12, M16
Further versions on request

Process temp. at the measuring tip

Up to +600°C depending on version

Connection head versions

BK, KK, AK with or without transmitter

Optional versions

Vibration-resistant version (optional)
Measuring insert (optional)
Further versions on request

Nominal length (version GF-8000)

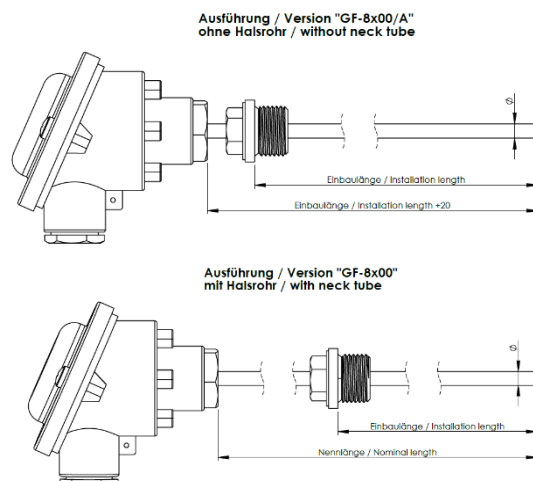
Standard +70 mm

Protection tube material

Stainless steel 1.4571
Stainless steel 1.4404
High temperature steel 1.4762

Standard version											
Version with neck tube	GF-8000										
Version without neck tube	GF-8000/A										
Atex	GF-8000/EX										
Number of measuring systems											
1 x		1									
2x		2									
Type of element											
Fe-CuNi Type J			FK-J								
Fe-CuNi Type L			FK-L								
Fe-CuNi Type K			NC								
Check element selection											
Electrical properties											
Grounded			e								
Isolated			i								
Diameter protection tube											
8,00 mm			8,00								
10,00 mm			10,00								
12,00 mm			12,00								
Mention in mm											
Material protection tube											
Stainless steel 1.4571							D				
Stainless steel 1.4404							A				
High temperature steel 1.4762							B				
Further versions on request											
Installation length incl. thread											
100 mm							100				
Mention in mm											
Nominal length for version GF-8000											
Standard +70 mm							XX				
Mention in mm											
Version with length of the measuring insert											
Mention in mm											
							XXXX				
Thread sizes											
G1/4								43			
G1/2								82			
G3/4								83			
G1								84			
M8								M8			
M10								M10			
M12								M12			
M16								M16			
M24								M24			
Version with compression fitting (KLV)											
								KLV+thread			
Connection head versions											
BK									BK		
KK									KK		
AK									AK		
Check connection head selection											
Transmitter option											
MU + Value									MU4-20mA		
Temperature measuring tip											
Mention in °C											
									400°C		
Order code (example)											
→	GF-8000	1.	FK-J.	e.	10.	D	100.	-.	-.	BK.	400°C

MEASURES



DIGITAL DATA
2D, 3D and CAD

[to Download](#)