

Thermocouple Screw in sensor with connection head, graduated Series GF-8001 & GF-8001/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) Weitere
Further versions on request

Nominal length (version GF-8000)

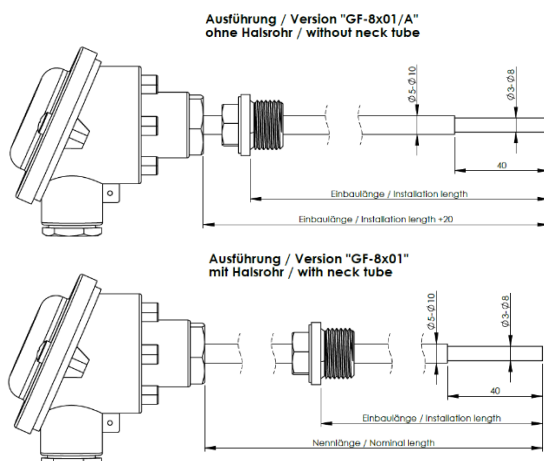
Standard +70 mm

Protection tube material

Stainless steel 1.4571
Stainless steel 1.4404
High temperature steel 1.4762

Standard version											
Version with neck tube	GF-8001										
Version without neck tube	GF-8001/A										
Special version											
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								
Graduation											
Diameter x length			6x40/								
Mention in mm											
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											
G1/2									82		
G3/4									83		
G1									84		
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-8001	1.	FK-J.	e.	10.	D	100.	-.	-.		BK.	400°C

MEASURES



DIGITAL DATA
2D, 3D and CAD

[to Download](#)