



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

PRODUCT FEATURES

- ✓ Thermocouples
acc. to DIN EN 60584
- ✓ High precision thermoelement
- ✓ Single / double measuring system
- ✓ Electrical isolated or not isolated
- ✓ 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, PtRh-Pt/S-R

Protection tube diameter

3,00 mm - 12,00 mm in standard

Installation length

Min. 10 mm up to max. 3000 mm

Screw thread

DIN 910 fixed screw thread
Compression fitting
Tri-Clamp

Thread sizes

G1/4, G3/8, G1/2, M10, M12
Further versions on request

Process temp. at the measuring tip

Up to +800 °C depending on version

Connection head versions

BK, KK, AK, PK with or without
transmitter
Further versions on request

Optional versions

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

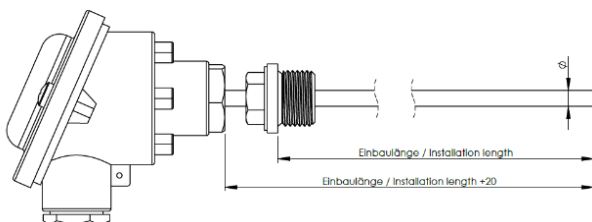
Protection tube material

Stainless steel 1.4571
Stainless steel 1.4404

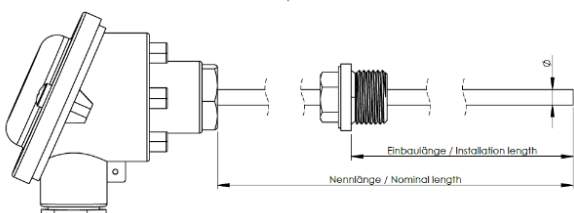
Standard version		GF-8000	
Special version			
Version without neck tube	/A		
Atex	/EX		
Number of measuring systems			
1 x	1		
2x	2		
Type of element			
Fe-CuNi Type J DIN EN 60584	FK-J		
Fe-CuNi Type L DIN 43710	FK-L		
NiCr-Ni Type K DIN EN 60584	NC		
Electrical properties			
Grounded	e		
Isolated	i		
Diameter protection tube			
3,00 mm	3		
4,00 mm	4		
8,00 mm	8		
10,00 mm	10		
Mention in mm			
Material protection tube			
Stainless steel 1.4571	D		
Stainless steel 1.4404	A		
Further versions on request			
Installation length incl. thread			
100 mm	100		
Mention in mm			
Nominal length for version GF-8000			
150 mm	150		
Mention in mm			
Version with measuring insert			
Measuring insert	ML		
Thread sizes			
G1/4	43		
G3/8	44		
G1/2	82		
G3/4	83		
M10x1	40		
M12x1	41		
Version with compression fitting (KLV)	KLV+thread		
Further version on request			
Terminal head versions			
B-head terminal	BK		
K-head terminal	KK		
A-head terminal	AK		
P-head terminal	PK		
Further version on request			
Transmitter option			
Transmitter 4-20 mA	MU4-20mA		
Transmitter 0-10 V	MU0-10V		
Transmitter option temperature range			
Mention in °C	0°C...400°C		
Temperature measuring tip			
Mention in °C	400°C		
Order code (example)	→ GF-8000	.1. FK-J.	e. 8. D. 100. 150. -. BK. 400°C

DIMENSIONS

Ausführung / Version "GF-8x00/A"
ohne Halsrohr / without neck tube



Ausführung / Version "GF-8x00"
mit Halsrohr / with neck tube



DIGITAL DATA
2D, 3D and CAD

[to Download](#)