



Thermocouple Screw in sensor with terminal head, stepped Series GF-8001 & GF-8001/A

PRODUCT FEATURES

- ✓ Thermocouples
acc. to DIN EN 60584
- ✓ High precision thermoelement
- ✓ High precision measuring system
- ✓ 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

3/5 mm to 8/10 mm in standard

Installation length

Min. 10 mm up to max. 2000 mm

Screw thread

DIN 910 fixed screw thread
Compression fitting
Tri-Clamp

Thread sizes

G1/4, G3/8, G1/2, G1, M12, M20
Further versions on request

Process temp. at the measuring tip

Up to +800 °C depending on version

Terminal head versions

BK, KK, AK, PK with or without
transmitter

Optional versions

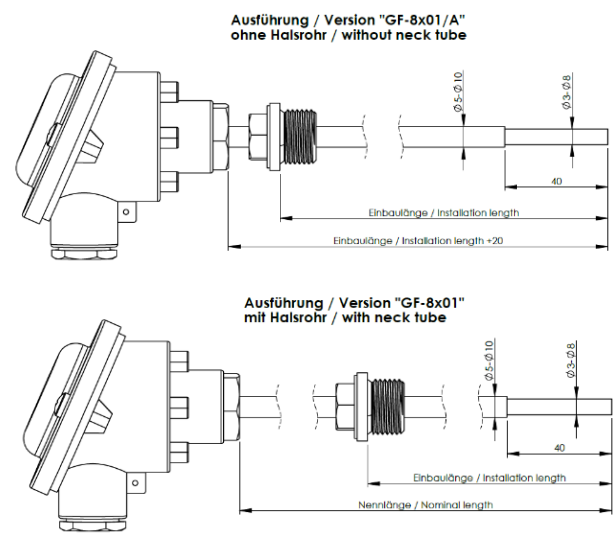
Vibration-resistant version (optional)
Measuring insert (optional)
Further versions on request

Protection tube material

Stainless steel 1.4571
Stainless steel 1.4404

Standard version													
	GF-8001												
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 EN 43710		FK-L											
NiCr-Ni Type K DIN EN 60584		NC											
Electrical properties													
Grounded		e											
Isolated		i											
Diameter protection tube													
3/5 mm		3/5											
4/6 mm		4/6											
6/8 mm		6/8											
6/10 mm		6/10											
8/10 mm		8/10											
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 standardversion													
150 mm		150											
Mention in mm													
Version with measuring insert													
Measuring insert		ML											
Thread sizes													
G1/4		43											
G3/8		44											
G1/2		82											
G1		84											
M12x1		41											
M20		M20											
Version with compression fitting (KLV)		KLV+thread											
Further versions on request													
Connection terminal versions													
B-head terminal		BK											
K-head terminal		KK											
A-head terminal		AK											
P-head terminal		PK											
Check connection head selection													
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-8001	.1.	FK-J.	e.	8/10	D.	100.	150.	-.	82.	BK.			400°C

DIMENSIONS



DIGITAL DATA
2D, 3D and CAD

to Download