



Thermocouple Bayonet sensor Series GF-7012

PRODUCT FEATURES

- ✓ Thermocouples
acc. to DIN EN 60584
- ✓ High precision thermo cable
- ✓ 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

Diameter
4,76 mm – 10,00 mm as standard

Form of the measuring tip
118° angled, plan, convex, spherical, stepped

Bayonet lock
Nickel-plated steel or stainless steel
VK-14/VK-17/VK-19/VK-21

Kink protection-/ threaded spring

- Stainless steel up to 5000 mm
- Inconel up to 180 mm
- Standard 180 mm
- Standard 250 mm

Process temp. at the measuring tip
Up to +600 °C depending on version

Process-connection adapter
Metric or Inch

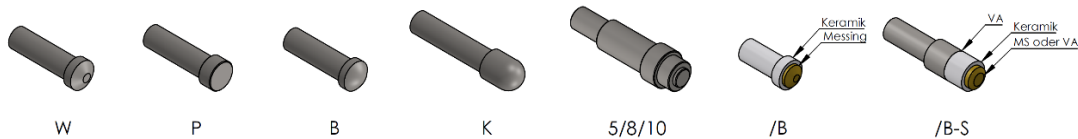
High – quality cable types
Thermocouple cables
All available versions

Connectivity
Free ends, plug

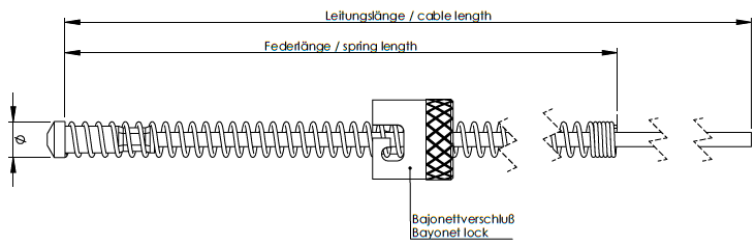
Special version
Customized, on request

Standard version												
	GF-7012											
Special version												
ceramically isolated, grounded only		/B										
ceramically isolated, grounded only		/B-S										
Measuring tube 6/8 mm		/L										
ATEX		/EX										
with mantled thermocouple		/7050										
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 Typ K DIN EN 60584		NC										
Check element selection												
Electrical properties												
Grounded		e										
Isolated		i										
Diameter of the measuring tube												
4,76 mm		4,76										
6 mm		6										
8 mm		8										
5/8 mm		5/8										
5/8/10 mm		5/8/10										
6/8 mm		6/8										
Measuring tip form												
Angled 118°		W										
Plan		P										
Convex		B										
Spherical		K										
Spring length												
180 mm as standard		18										
Mention in cm												
Bayonet version												
VK-14 (ID=12,4mm)		VK-14										
VK-17 (ID=14,5mm)		VK-17										
VK-19 (ID=16,5mm)		VK-19										
VK-21 (ID=15,5mm-pin version)		VK-21										
Further versions on request												
Thread adapter with wrench size or round												
without		-										
GN-40x30 (M10x1 x length)		40										
On request, see datasheet threaded adaptors												
Cable length in mm												
Mention in mm		XXXX										
Cable type												
Glass fiber - Glass fiber - stainless steel braid		without mention										
Glass fiber - Glass fiber - stainless steel braid - PTFE		GL-GL-PVA-TE										
R - Glass fiber - R - Glass fiber - stainless steel braid		RGL-RGL-PVA										
Check cable types												
Connection												
Free Ends, 60 mm		A										
Check ends		PRF										
Thermo plug "S" standard / "M" mini / "X" element		TSTXS										
Round plug "C" 3-pole bayonet lock		CST3PB										
Round plug "C" 3-pole screw lock		CST3PS										
On request, see datasheets connectors												
Temperature measuring tip												
Mention in °C		400°C										
Order code (example) → GF-7012 /B .1. FK-J. e. 6. W. 18. VK-14. XX. 3000. CST3PS. 400°C												

MEASURING TIP DESINGS



MEASURES



DIGITAL DATA
2D, 3D and CAD

to Download