



Thermocouple Installation sensor with bayonet Series GF-7008

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
- ✓ FDA compliant version possible

TECHNICAL DETAILS

Thermo voltage

Fe-CuNi/J-L, NiCr-Ni/K

Diameter

1,0 mm – 5,00 mm in standard

Form of the measuring tip

118° angled, flat, convex

Bayonet lock

stainless steel
VK-08

Kink protection-/ threaded spring

- Stainless steel / Inconel up to 1000 mm
- 180 mm as standard

Process temp. at the measuring tip

Up to +600 °C depending on version

Process-connection adapter

Threaded adaptor

High – quality cable types

Thermocouple cables
All available versions

Connectivity

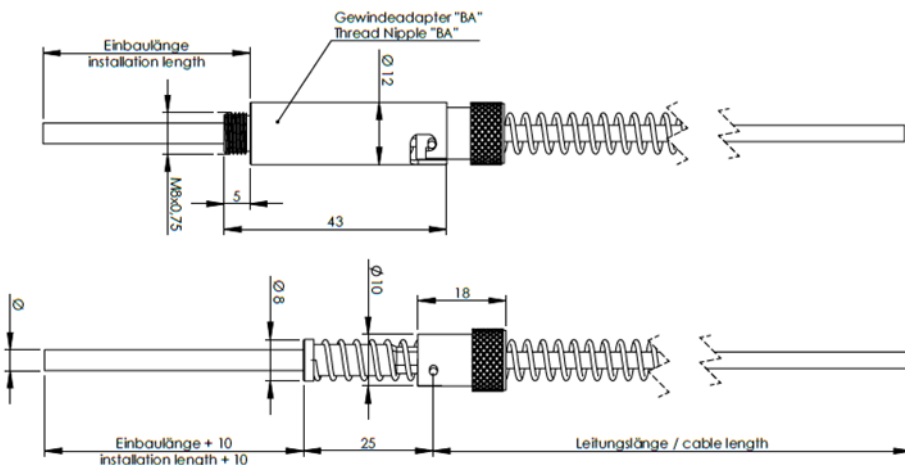
Free ends, plug

Special version

Customized, on request

Standard version											
	GF-7008										
High temperature version											
Mantle-thermocouple +600°C	/7050										
Special version											
Number of measuring systems											
1x			1								
2x			2								
Type of element											
Fe-CuNi Type J DIN EN 60584						FK-J					
Fe-CuNi Type L DIN 43710						FK-L					
Fe-CuNi Type K DIN EN 60584						NC					
Check element selection											
Electrical properties											
Grounded						e					
Isolated						i					
Diameter of the measuring tube											
1,0 mm						1,0					
1,5 mm						1,5					
3,0 mm						3,0					
4,0 mm standard						4,0					
Mention in mm											
Measuring tube form (check graphic below)											
Angled 118°										W	
Flat										P	
Convex										B	
Special version											
Installation length incl. thread adapter											
50 mm										50	
Mention in mm											
Bayonet version											
VK-08 (AD=10,0mm) Standard										VK-08	
Further versions on request											
Thread adapter with wrench size or round											
without										-	
GN-38x43 (M8x0,75 x length) Standard										38	
Further versions on request											
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
Further versions on request											
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
Further versions on request, see data sheet connectors											
Temperature at measuring tip											
Mention in °C											400°C
Order code (example) → GF-7008 .1. FK-J. e. 3,0. P. 50. VK-08. 38. 3000. A. 400°C											

MEASURES



DIGITAL DATA
2D, 3D and CAD

[to Download](#)