



Thermocouple Installation sensor with bayonet Series GF-7008

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

Diameter

1,0 mm – 6,00 mm in standard

Form of the measuring tip

118° angled, plan, convex, spherical

Bayonet lock

Nickel-plated steel or stainless steel
VK-8

Kink protection-/ threaded spring

- Stainless steel / Inconel up to 1000 mm
- Standard 180 mm
- Standard 250 mm

Process temp. at the measuring tip

Up to +600°C depending on version

Process-connection adapter

Thread adapter

High – quality cable types

Thermocouple cables
All available versions

Connectivity

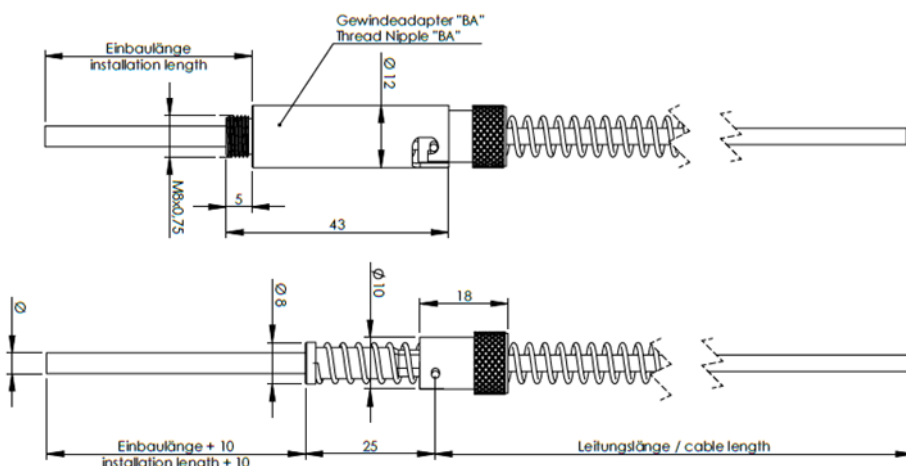
Free ends, plug, special

Special version

Customized, on request

Standard version													
	GF-7008												
High temperature version													
Mantle-thermocouple +600°C	/7050												
Number of measuring systems													
1x		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									
Diameter of the measuring tube													
1,0 mm					1,0								
1,5 mm					1,5								
3,0 mm					3,0								
4,0 mm					4,0								
Mention in mm													
Measuring tube form (check graphic below)													
Angled 118°								W					
Plan								P					
Convex								B					
Spherical								K					
Special version													
Installation length incl. thread adapter													
50 mm									50				
Mention in mm													
Bayonet version													
VK-08 (AD=10,0mm) Standard									VK-05				
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			
Check cable types													
Connection													
Free Ends, 60 mm										A			
Check ends										PRF			
Thermo plug „S“ Standard / „M“ Mini										TSTXS			
Round plug bayonet lock										CST3PB			
Round plug screw lock										CST3PS			
Check plug types													
Temperature 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](#)