

Thermocouple Angled installation sensor Series GF-7018

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

Installation length

Min. 10mm up to max. 2000mm

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

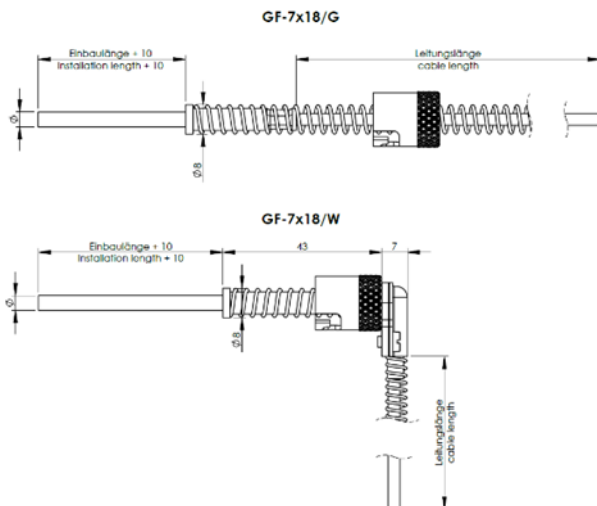
Free ends, plug, special

Special version

Customized, on request

Standard version										
	GF-7018									
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			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-14 (ID=12,4mm)									VK-14	
VK-17 (ID=15,4mm)									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-38x43 (M8x0,75 x length) Standard									38	
GN-40x30 (M10x1 x length)									40	
GN-41x30 (M12x1 x length)									41	
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-7018 1 FK-J. e. 3.0. P. 50. VK-14. 38. 3000. A. 400°C										

MEASURES





DIGITAL DATA
2D, 3D and CAD

to Download