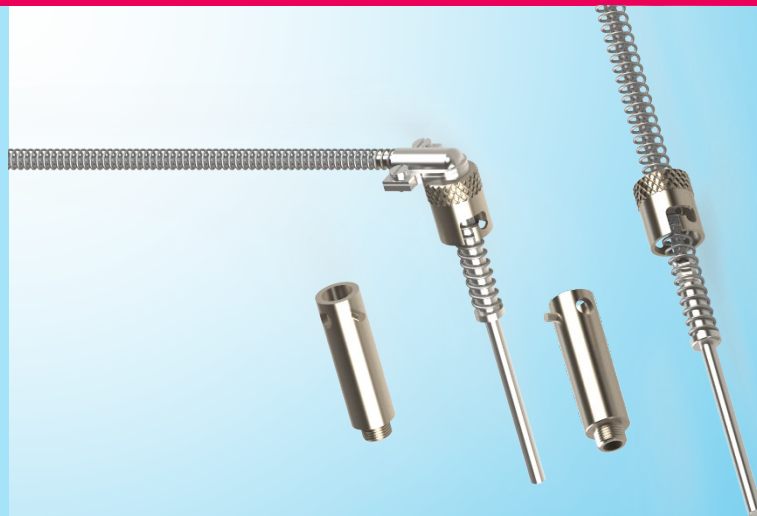




Thermocouple Installation sensor with bayonet Series GF-7018

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

TECHNICAL DETAILS

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

Diameter
1,0 mm – 6,00 mm in standard

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

Installation length
Min. 20 mm up to max. 2000 mm

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

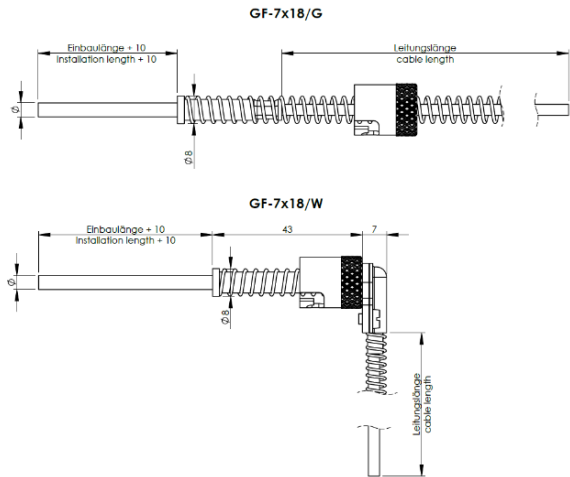
High – quality cable types
Thermocouple cables
All available versions

Connectivity
Free ends, plug

Special version
Customized, on request

Standard version														
		GF-7018												
Cable outlet														
Straight			/G											
Angled			/W											
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 47310						FK-L								
NiCr-Ni 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 as standard							4,0							
Mention in mm														
Measuring tube form														
Angled 118°								W						
Plan								P						
Convex								B						
Installation length incl. threaded adaptor														
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 adaptor 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				
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-7018	/G		.1.	FK-J.	e.	3,0.	P.	50.	VK-14.	38.	3000.
													A.	400°C

MEASURES



DIGITAL DATA
2D, 3D and CAD

to Download

