

Thermocouple with fixed screw Series GF-7027

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

3,0 mm – 8,00 mm in standard

Form of the measuring tip

118° angled, plan, convex

Installation length

Min. 10mm up to max. 2000mm

Material

Sensor completely made of stainless steel

Process temp. at the measuring tip

Up to +600°C depending on version

Process connection

DIN 910 screw or compression fitting

High – quality cable types

Thermocouple cables
All available versions

Connectivity

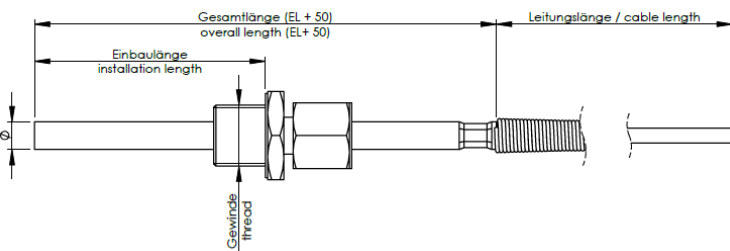
Free ends, plug, special

Special version

Customized, on request

Standard version									
	GF-7027								
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 measuring tip									
1,0 mm				1,0					
2,0 mm				2,0					
3,0 mm				3,0					
6,0 mm				6,0					
Mention in mm									
Measuring tube form (check graphic below)									
Angled 118°					W				
Plan					P				
Convex					B				
Special version									
Installation length									
50 mm						50			
Mention in mm									
Suitable DIN screw or compression fitting									
G1/4							43		
G1/2							82		
G3/4							83		
G1							84		
M8							M8		
M10							M10		
M12							M12		
M16							M16		
M24							M24		
Version with compression fitting									
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									
Check ends									
Thermo plug „S“ Standard / „M“ Mini									
Round plug bayonet lock									
Round plug screw lock									
Check plug types									
Temperature measuring tip									
Mention in °C									
400°C									
Order code (example) → GF-7027 1 FK-J e. 6,0 P. 50. 82. 3000. A. 400°C									

MEASURES





DIGITAL DATA
2D, 3D and CAD

to Download