

Thermocouple Screw-in sensor with M8 screw Series GF-7045

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
Ø6,00 mm as standard

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

Installation length
11 mm as standard
Min. 9 mm up to max. 100 mm

Material
Sensor completely made out of
stainless steel

Kink protection spring
Stainless steel

Process temp. at the measuring tip
Up to +600 °C depending on version

Process connection
M8 installation screw, loosely rotatable

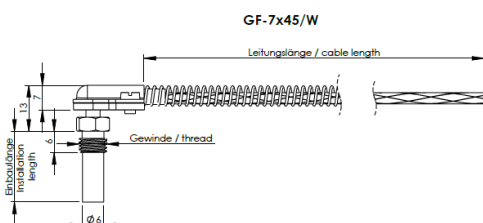
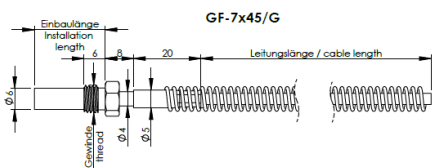
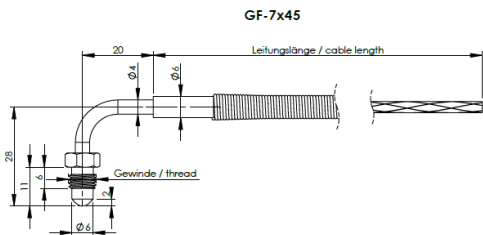
High - quality cable types
Thermocouple cables
All available versions

Connectivity
Free ends, plug

Special version
Customized, on request

Standard version									
	GF-7045								
Cable outlet									
Bent 90 °									
Straight		/G							
Angled head 90 °		/W							
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					
NiCr-Ni Type K DIN EN 60584				NC					
Electrical properties									
Grounded				e					
Isolated				i					
Diameter of the measuring tube									
6,0 mm				6,0					
Further versions on request									
Measuring tube form									
Angled 118°					W				
Flat					P				
Convex					B				
Special version									
Installation length									
11 mm as standard						11			
25 mm						25			
Mention in mm									
Thread size									
M8						36			
M8x1						37			
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 / *X* element								TSTXS	
Round plug *C* 3-pole bayonet lock								CST3PB	
Round plug *C* 3-pole screw lock								CST3PS	
On request, see datasheet connectors									
Temperature measuring tip									
Mention in °C									400°C
Order code (example) → GF-7045 .1. FK-J. e. 6,0. B. 11. 36. 3000. A. 400°C									

DIMENSIONS





DIGITAL DATA
2D, 3D and CAD

to Download