

Thermocouple Angled sensor with M8 screw Series GF-7045

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

Ø6,00 mm in standard

Form of the measuring tip

118° angled, plan, convex

Installation length

Min. 5mm up to max. 100mm

Material

Sensor completely made of 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

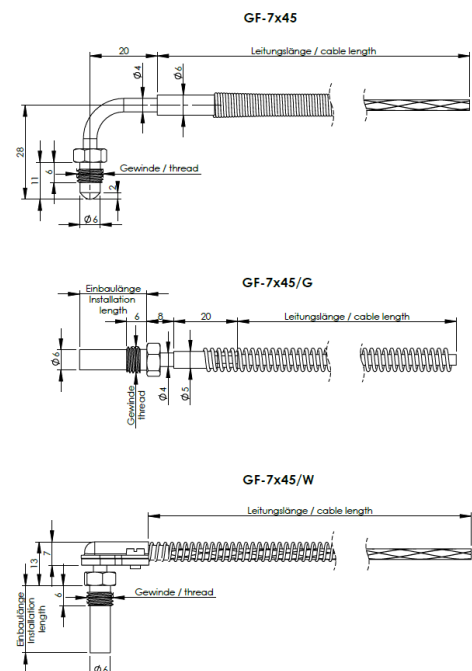
Free ends, plug, special

Special version

Customized, on request

Standard version										
	GF-7045									
Sensor versions										
Cable outlet „STRAIGHT“		/G								
Cable outlet “ANGLED 90°”		/W								
Cable outlet “ANGLED HEAD 90°”		/WK								
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										
6,0 mm						6,0				
Further versions on request										
Measuring tube form (check graphic below)										
Angled 118°								W		
Plan								P		
Convex								B		
Special version										
Installation length										
50 mm								50		
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										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-7045 1 FK-J. e. 6,0. B. 50. 36. 3000. A. 400°C										

MEASURES



DIGITAL DATA
2D, 3D and CAD

[to Download](#)