



Thermocouple Melt temperature sensor angled version Series GF-7042/W

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

Sensor measures
Measuring tip Ø4f7
Length 5,2 mm/3,2 mm
Sealing pin 10,0 mm, conically

Form of the measuring tip
Cylindrical, spherical
Further versions on request

Material
Tool steel, oil hardened, Hastelloy
Further versions on request

Process connection
M12 x 1 as standard

Process temp. at the measuring tip
Up to +450 °C depending on version

Special features
Special coating
Further versions on request

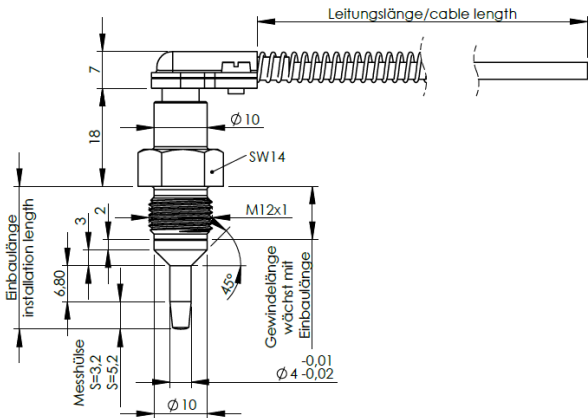
High – quality cable types
Thermocouple cables
All available versions

Connectivity
Free ends, plug

Special version
Customized, on request

Standard version												
	GF-7042	/G										
Number of measuring systems												
1 x			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									
Check element selection												
Electrical properties												
Grounded			e									
Isolated			i									
Diameter measuring tube												
Standard 4f7 over 6,8 mm length			n/a									
Further versions on request												
Length of the measuring tip												
5,2 mm						5,2						
3,2 mm						3,2						
Mention in mm												
Installation length												
Standard 27 mm						27						
Mention in mm												
Size of the thread												
Standard M12 x 1						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 / "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-7042 /W .1. FK-J. e. 5,2. 27. 41. 3000. A. 400°C												

DIMENSIONS





DIGITAL DATA
2D, 3D and CAD

to Download