

Thermocouple Plunge-in sensor with handle Series GF-7048

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

1,0 mm – 6,00 mm in standard

Form of the measuring tip

Pointed, bevelled, plan, spherical, angled

Nominal length

Min. 10mm up to max. 2000mm

Material Measuring tip

Stainless steel 1.4571 / 1.4404

Process temp. at the measuring tip

Up to +400°C depending on version

Versions off the handle

Silicone, Teflon or stainless steel

High – quality cable types

Thermocouple cables
All available versions

Connectivity

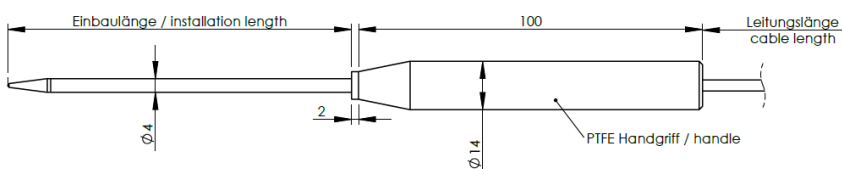
Free ends, plug, special

Special version

Customized, on request

Standard version										
	GF-7048									
High temperature version										
Standard (STRAIGHT)		o.a.								
Standard (ANGLED)		/W								
Special version										
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 tube										
1,0 mm				1,0						
2,0 mm				2,0						
3,0 mm				3,0						
4,0 mm				4,0						
Mention in mm										
Form of the measuring tube (check Graphic below)										
Plan					P					
Angled 118°					W					
Spherically					B					
Pointed					S					
Bevelled					SCH					
Special version										
Nominal length of the measuring tube										
100 mm						100				
Mention in mm										
Version of the handle										
E = Extension + length + material						E=14x100/PTFE				
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		
Teflon - shield - silicone								TE-C-SI		
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-7048 1 FK-J. e. 4.0. S. 100. E=14x100/PTFE 3000. TE-C-SI A. 400°C										

MEASURES





DIGITAL DATA
2D, 3D and CAD

to Download