



Thermocouple Installation sensor with compression fitting Series GF-7027

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
3,0 mm – 10,00 mm in standard

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

Installation length
Min. 20 mm up to max. 2000 mm

Material
Sensor completely made of stainless steel

Kink protection spring
Stainless steel

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

Process connection
Compression fitting
Metric or inch

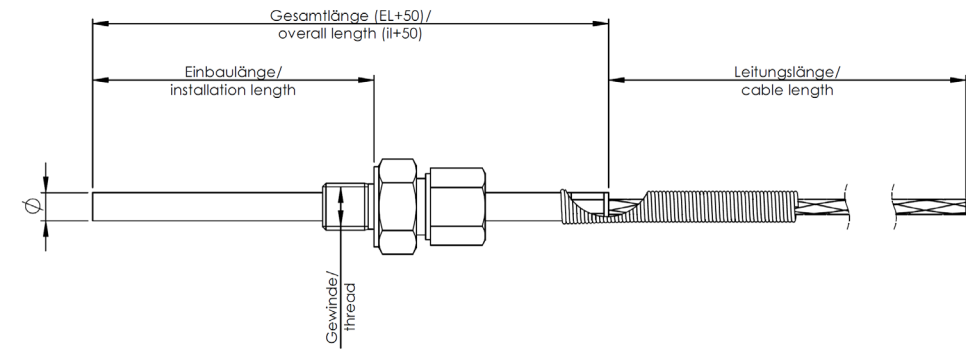
High – quality cable types
Thermocouple cables
All available versions

Connectivity
Free ends, plug

Special version
Customized, on request

Standard version												
		GF-7027										
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										
Check element selection												
Electrical properties												
Grounded		e										
Isolated		i										
Diameter measuring tip												
3,0 mm		3,0										
4,0 mm		4,0										
5,0 mm		5,0										
6,0 mm		6,0										
Mention in mm												
Measuring tube form												
Angled 118°		W										
Plan		P										
Convex		B										
Special version												
Installation length												
50 mm		50										
Mention in mm												
Suitable compression fitting												
M8x1		37										
M10x1		40										
M12x1		41										
M16x1,5		M16x1,5										
G1/4		43										
G1/2		82										
G3/4		83										
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-7027 .1. FK-J. e. 6,0. P. 50. 82. 3000. A. 400°C												

MEASURES



DIGITAL DATA
2D, 3D and CAD

to Download

