

Thermocouple with bayonet lock and immersion sleeve Series GF-7040

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

Sensor / Immersion sleeve in standard
6,0 mm / 8,0 mm
8,0 mm / 10,0 mm

Design of the measuring tip/sleeve

Plan, closed

Installation length

Min. 20 mm up to max. 2000 mm

Material

Sensor/immersion sleeve
Completely made of stainless steel

Process temp. at the measuring tip

Up to +600 °C depending on version

Process connection

Using a matching immersion sleeve
Metric or inch
Sensor with bayonet connection

High – quality cable types

Thermocouple cables
All available versions

Connectivity

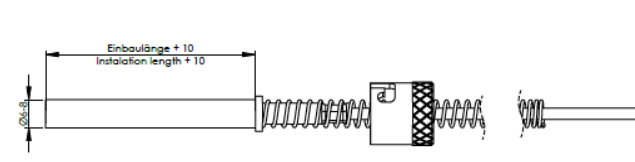
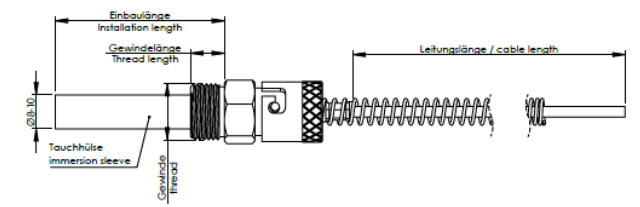
Free ends, plug

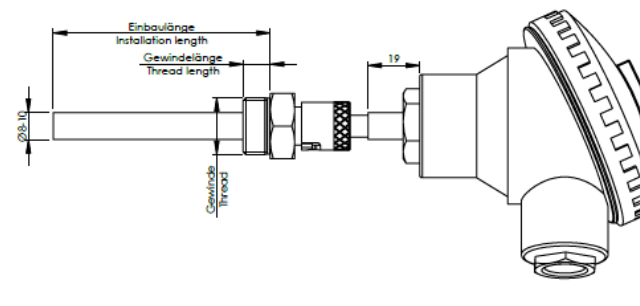
Special version

Customized, on request

Standard version		GF-7040										
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 sensor/immersion sleeve												
6/8 mm		6/8										
8/10 mm		8/10										
Mention in mm												
Measuring tube form												
Plan		n/a										
Special version												
Installation length												
50 mm		50										
Mention in mm												
Thread size immersion sleeve												
Without immersion sleeve												
G1/8		45										
G3/8		44										
G1/2		82										
Further thread sizes on request												
Version with connection head												
Without connection head (version with cable)		.-.										
BK-connection head		BK										
KK-connection head		KK										
Further head sizes 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-7040 .1. FK-J. e. 8/10. 50. 82. KK. -.-. 400°C										

DIMENSIONS





DIGITAL DATA
2D, 3D and CAD

to Download

