



Thermocouple Cable sensor straight protection tube Series GF-7024

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
- ✓ ATEX version
- ✓ FDA / CE compliant version

TECHNICAL DETAILS

Thermo voltage

Fe-CuNi/J-L, NiCr-Ni/K

Diameter

12,00 mm – 10,00 mm in standard

Form of the measuring tip

118° angled, plan, convex

Installation length

Min. 10 mm up to max. 2000 mm

Material

Stainless steel

Process temp. at the measuring tip

Up to +600 °C depending on version

Cable outlet

Extension sleeve made of stainless steel
Ø6 x 30 mm in standard

High – quality cable types

Thermocouple cables
All available versions

Connectivity

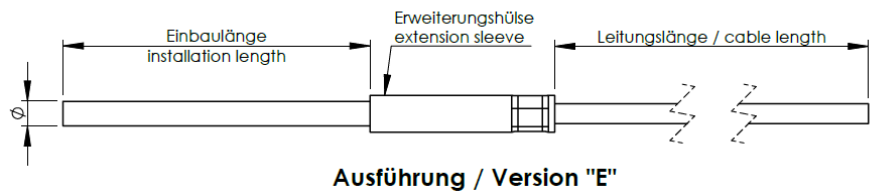
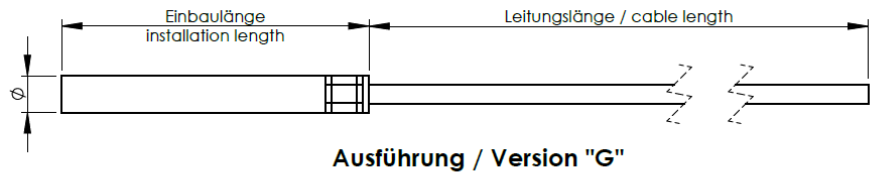
Free ends, plug

Special version

Customized, on request

Standard version												
GF-7024												
Special version												
ATEX /EX												
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 of the measuring tube												
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												
Installation length												
50 mm 50												
Angabe in mm												
Cable outlet design (check graphic below)												
Extension (E = diameter x length in mm) E=6x30												
straight G												
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-7024 .1. FK-J. e. 6,0. P. 50. 6x30 mm. 3000. A. 400°C												

MEASURES



DIGITAL DATA
2D, 3D and CAD

to Download

