



Thermocouple Screw-in sensor straight with fixed thread Series GF-7038

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
1,0 mm – 8,0 mm in standard

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

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

Material
Sensor completely made out of stainless steel

Kink protection spring
Stainless steel

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

Process connection
DIN 910 / DIN 933 fixed thread

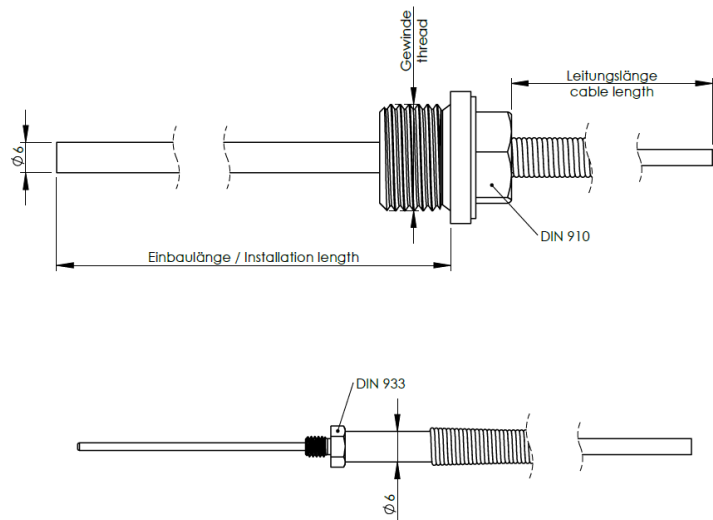
High – quality cable types
Thermocouple cables
All available versions

Connectivity
Free ends, Plugs

Special version
Customized, on request

Standard version				GF-7038									
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 measuring tip													
1,0 mm				1,0									
2,0 mm				2,0									
3,0 mm				3,0									
6,0 mm				6,0									
Mention in mm													
Measuring tube form													
Angled 118°				W									
Plan				P									
Spherical				B									
Special version													
Installation length													
50 mm				50									
Mention in mm													
Matching DIN 910 / DIN 933 thread													
G1/4				43									
G3/8				44									
G1/2				82									
M4				M4									
M6				M6									
M8				M8									
M10x1				40									
M14x1,5				42									
M18x1,5				M18x1,5									
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-7038 .1. FK-J. e. 6,0. P. 50. 82. 3000. -. A. 400°C									

DIMENSIONS



DIGITAL DATA

2D, 3D and CAD

to Download