

Thermocouple Screw in sensor straight or angled Series GF-7038

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

1,87 mm – 8,00 mm in standard

Form of the measuring tip

118° angled, plan, spherical

Installation length

Min. 10mm up to max. 500mm

Material

Sensor completely made of stainless steel

Process temp. at the measuring tip

Up to +600°C depending on version

Process connection

Fixed DIN 910 screw

High – quality cable types

Thermocouple cables
All available versions

Connectivity

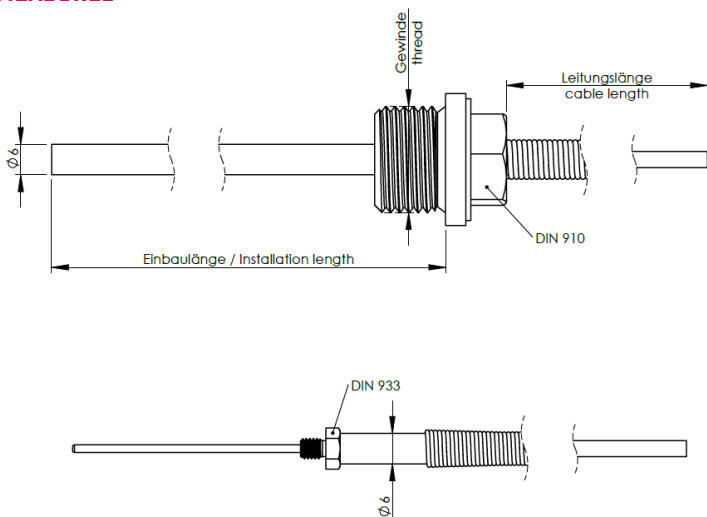
Free ends, Plugs, Special

Special version

Customized, on request

Standard version										
ATEX		GF-7038		EX						
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 tip										
1,87 mm				1,87						
2,0 mm				2,0						
3,0 mm				3,0						
6,0 mm				6,0						
Mention in mm										
Measuring tube form (check graphic below)										
Angled 118°				W						
Plan				P						
Spherical				B						
Special version										
Installation length										
50 mm				50						
Mention in mm										
Matching DIN910 / DIN933 screw										
G1/4				43						
G3/8				44						
G1/2				82						
G1				84						
M6				M6						
M8				M8						
M10				M10						
M12				M12						
M16				M16						
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				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-7038 1 FK-J. e. 6,0. P. 50. 82. 3000. -. A. 400°C										

MEASURES





DIGITAL DATA
2D, 3D and CAD

to Download