



Angled screw in Thermocouple Series GF-7020/W

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

1,0 mm – 6,00 mm in standard

Form of the measuring tip

118° angled, plan, convex

Installation length

Min. 10mm up to max. 500mm

Material

Sensor / spring / screw 1.4571

Process temp. At the measuring tip

Up to +600°C depending on version

Process connection

Free running srew connection

High – quality cable types

Thermocouple cables
All available versions

Connectivity

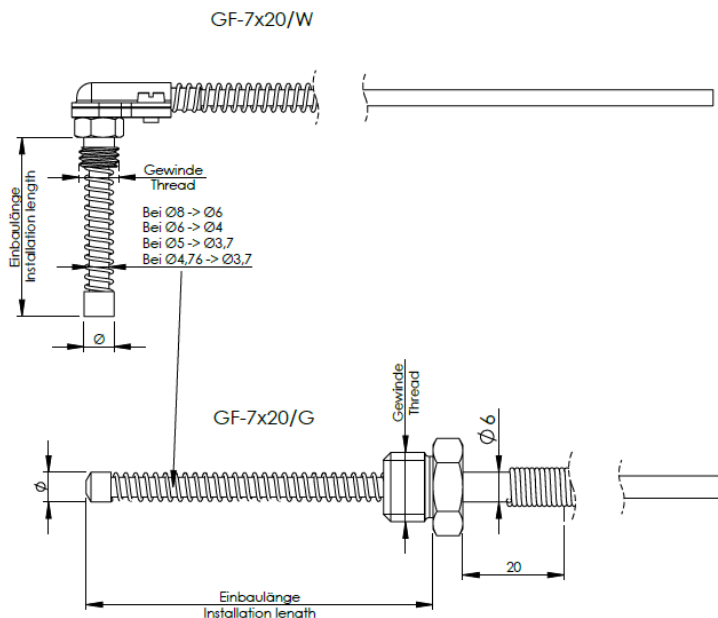
Free ends, plug, special

Special version

Customized, on request

Standard version												
ATEX	GF-7020/W											
	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 of the measuring tube												
4,0 mm				4,0								
5,0 mm				5,0								
6,0 mm				6,0								
8,0 mm				8,0								
Mention in mm												
Measuring tube form (check graphic below)												
Angled 118°							W					
Plan							P					
Convex							B					
Special version												
Installation length incl. thread length of the screw												
50 mm						50						
Mention in mm												
Size of the screw												
M8												
M8x1												
M14x1,5												
G3/8												
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-7020/W	1	FK-J	e	4,0	P	50	37	3000.	A.	400°C

MEASURES





DIGITAL DATA
2D, 3D and CAD

to Download