

Thermocouple Surface sensor non-contact Series GF-7044

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

20,0 mm – 40,00 mm in standard

Form off he measuring tip

Plan or matching curvature

Nominal length

Min. 50mm up to max. 300mm

Material

Stainless steel (housing)

Teflon / silver (measuring tip)

Process temp. at the measuring tip

Up to +260°C depending on version

Process connection

Flange

Mounting bracket

High quality inner wires

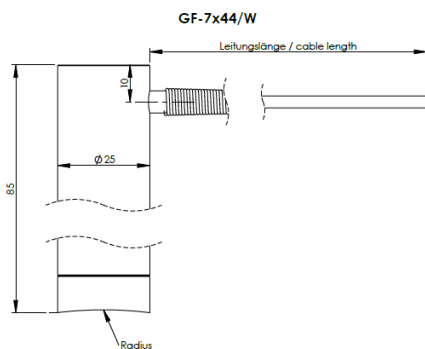
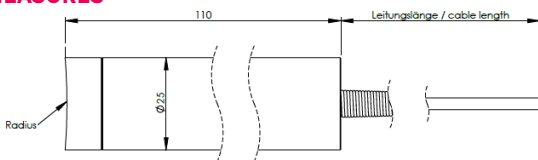
Thermocouple cable

Special version

Customized, on request

Standard version							
STRAIGHT	GF-7044						
ANGLED (cable outlet 90°)	GF-7044/W						
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					
PtRh-Pt Type S		PR					
Check element selection							
Electrical properties							
Grounded			e				
Diameter / surface							
Surface „PLAN“				P			
Cylinder radius				250			
Mention in mm							
Cable length							
Mention in mm							
				3000			
Cable type							
Glass fiber - Glass fiber - stainless steel braid						o.a.	
Glass fiber - Glass fiber - stainless steel braid - PTFE						GL-GL-PVA-TE	
Teflon-Silicone						TE-SI	
Teflon-braid-Teflon						TE-C-TE	
Silicone-Silicone						SI-SI	
Check cable types							
Connection							
Free Ends, 60 mm						A	
Check ends							
Thermo plug „S“ Standard / „M“ Mini						PRF	
Round plug bayonet lock						TSTXS	
Round plug screw lock						CST3PB	
Check plug types							
Temperature measuring tube							
Mention in °C							
						260°C	
Order code (example) → GF-7044 1 FK-J. e. 250. 3000. A 260°C							

MEASURES





DIGITAL DATA
2D, 3D and CAD

to Download