

Thermocouple Surface measuring Series GF-7003

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, Pt-RhPt/S-R

Segment dimension

Standard 8 x 8 x 20 mm

Form of the measuring tip

Standard without measuring pin

Standard with measuring pin,

Ø4 x 12mm

Further versions on request

Segment mounting

Standard for M4 screw

Further versions on request

Kink protection spring

Stainless steel

Process temp. at the measuring tip

Up to +600°C depending on version

Segment material

Standard nickel-plated brass,

Measuring surface blank

Further versions on request

High - quality cable types

Thermocouple cables

All available versions

Connectivity

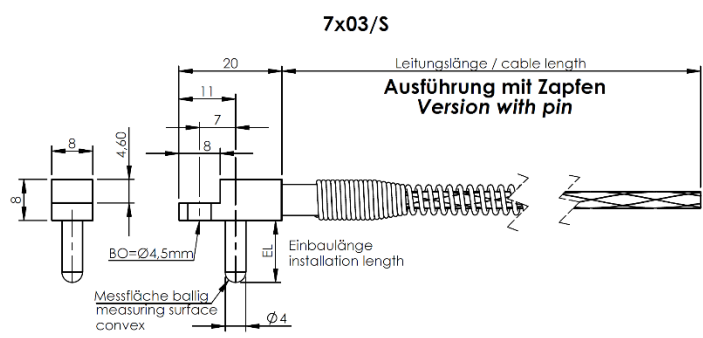
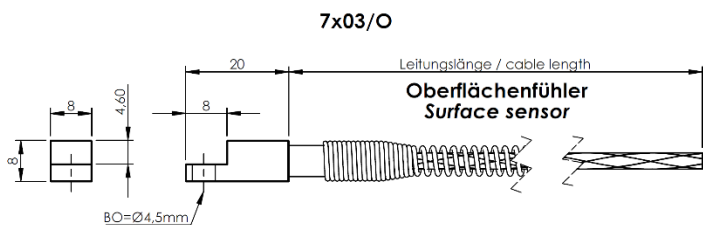
Free ends, plug

Special version

Customized, on request

Version									
Surface sensor	GF-7003/O								
Sensor with pin	GF-7003/S								
Special version									
Standard version without mention									
Version with mantle-thermocouple			/7050						
ATEX			/EX						
Number of measuring systems									
1 x				1					
2x				2					
Type of element									
Fe-CuNi Type J DIN EN 60584								FK-J	
Fe-CuNi Type L DIN 43710								FK-L	
Fe-CuNi Type K DIN EN 60584								NC	
Further versions on request									
Electrical properties									
Grounded								e	
Isolated								i	
Diameter of the measuring tube									
Standard with 4,0 mm measuring pin								4,0	
Further versions on request									
Measuring tube form (check graphic below)									
Convex								B	
Flat								P	
Angled 118°								W	
Pin length for pin version									
Standard 12 mm								12	
Mention in mm									
Segment mounting hole									
Standard M4									without mention
M5									M5
M6									M6
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
Further versions on request									
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
Further versions on request, see data sheet connectors									
Temperature measuring tip									
Mention in °C									400°C
Order code (example) → GF-7003/S .1 FK-J e. 4,0. B. 12. 3000. A. 400°C									

MEASURES



DIGITAL DATA
2D, 3D and CAD

to Download