

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

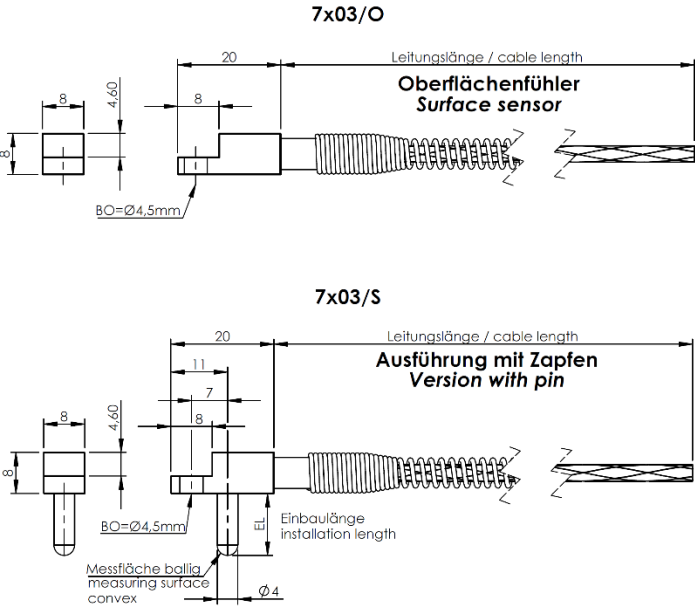
Free ends, plug

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										
NiCr-Ni Typ 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												
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