

Resistance thermometer Surface sensor Series GF-7103

PRODUCT FEATURES

- ✓ Resistance thermometer acc. to DIN EN 60751
- ✓ High precision platinum sensor
- ✓ High precision measuring system
- ✓ Single / double measuring system
- ✓ Vibration resistant design
- ✓ High temperature resistance
- ✓ Durable
- ✓ Process and fail safe
- ✓ Temperature and long-term stable
- ✓ ATEX version
- ✓ FDA / CE compliant version

TECHNICAL DETAILS

Core values

PT50/PT100/PT500/PT1000
KTY/NTC/PTC

Segment dimension

Standard 8 x 8 x 20 mm

Form of the measuring tip

Standard without measuring pin
Standard mit Messzapfen, Ø4 x 12mm
Weitere Ausführungen auf Anfrage

Segment mounting

Standard for M4 Schraube
Weitere Ausführungen auf Anfrage

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

Connection cables
All available versions

Connectivity

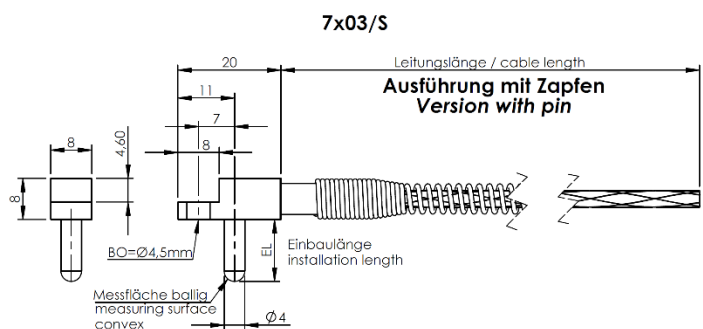
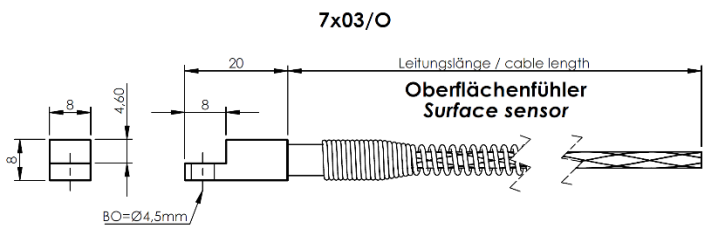
Free ends, plug

Special version

Customized, on request

Version										
Surface sensor	GF-7103/O									
Sensor with pin	GF-7103/S									
Special version										
ATEX		/EX								
Special version										
Number of measuring systems										
1x		1								
2x		2								
Core values measuring system										
PT100 Class B DIN EN 60751				n.s.						
PT100 Class A DIN EN 60751				K1.A						
PT100 Class AA DIN EN 60751				K1.AA						
PT50/PT500/KTY/NTC/PTC + Type				KTY						
Further versions on request										
Types of electrical circuits										
2-wire-circuit				n.s.						
3-wire-circuit				3-L						
4-wire-circuit				4-L						
Further versions on request										
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				n.s.						
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		
LEMO plug + size + number of poles								LST2PS		
Round plug screw lock + size + number of poles								DST3PS		
M 12 Round plug + number of poles								EST-M12-4P		
Further versions on request, see data sheet connectors										
Temperature measuring tip										
Mention in °C									400°C	
Order code (example) →										
	GF-7103/S	.1.	-.	3-L.	4,0.	B.	12.	3000.	A.	400°C

MEASURES





DIGITAL DATA

2D, 3D and CAD

to Download