



Resistance thermometer Plunge-in sensor with handle Series GF-7148

PRODUCT FEATURES

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

TECHNICAL DETAILS

Core values

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

Diameter

4,0 mm as standard

Form of the measuring tip

Pointed, bevelled, flat, spherical, angled

Nominal length

Min. 10 mm up to max. 2000 mm

Material Measuring tip

Stainless steel 1.4571 / 1.4404

Process temp. at the measuring tip

Up to +400 °C depending on version

Versions of the handle

Silicone, Teflon or stainless steel

High – quality cable types

Connection cables
All available versions

Connectivity

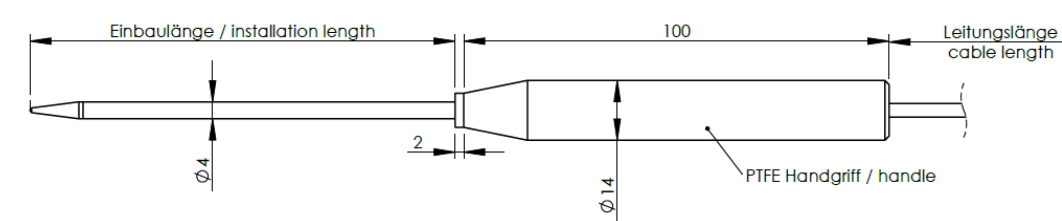
Free ends, plug

Special version

Customized, on request

Standard version												
	GF-7148											
Special version												
Special version												
Number of measuring systems												
1x			1									
2x			2									
Core values measuring system												
PT100 Class B DIN EN 60751			n/a									
PT100 Class A DIN EN 60751			K1A									
PT100 Class AA DIN EN 60751			K1AA									
PT50/PT500/KTY/NTC/PTC + Type			KTY									
Further versions on request												
Types of electrical circuits												
2-wire-circuit			n/a									
3-wire-circuit			3-L									
4-wire-circuit			4-L									
Diameter measuring tube												
4,0 mm as standard			4,0									
Mention in mm												
Form of the measuring tube												
Flat						P						
Angled 118°						W						
Spherically						B						
Pointed						S						
Bevelled						SCH						
Special version												
Nominal length of the measuring tube												
100 mm						100						
Mention in mm												
Version of the handle												
E = Extension + length + material						E=14x100/PTFE						
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				
Teflon - shield - silicone								TE-C-SI				
Check cable types												
Connection												
Free Ends, 60 mm										A		
Check ends										PRF		
LEMO plug + number of poles + size										LST2P1S		
Round plug screw lock + number of poles										DST3PS		
M 12 Round plug + number of poles										EST-M12-4P		
On request, see datasheet connectors												
Temperature measuring tip												
Mention in °C												400°C
Order code (example) → GF-7148 .1. -. 4-L. 4,0. S. 100. E=14x100/PTFE 3000. TE-C-SI. A. 400°C												

DIMENSIONS



DIGITAL DATA

2D, 3D and CAD

to Download