

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

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

Diameter

1,0 mm – 6,00 mm in standard

Form of the measuring tip

Pointed, bevelled, plan, spherical, angled

Nominal length

Min. 10mm up to max. 2000mm

Material Measuring tip

Stainless steel 1.4571 / 1.4404

Process temp. at the measuring tip

Up to +400°C depending on version

Versions off the handle

Silicone, Teflon or stainless steel

High – quality cable types

Connection cables
All available versions

Connectivity

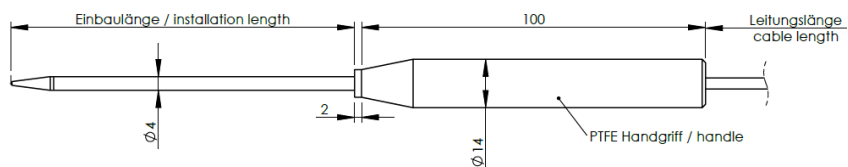
Free ends, plug, special

Special version

Customized, on request

Standard version													
	GF-7148												
High temperature version													
Standard (STRAIGHT)													
Standard (ANGLED)													
Special version													
Number of measuring systems													
1x													
2x													
Core values measuring system													
PT100 Class B													
PT100 Class A													
PT100 Class AA													
PT50/PT500/KTY/NTC/PTC + Type													
Further versions on request													
Types of electrical circuits													
2-wire-circuit													
3-wire-circuit													
4-wire-circuit													
Further versions on request													
Diameter measuring tube													
1,0 mm													
2,0 mm													
3,0 mm													
4,0 mm													
Mention in mm													
Form of the measuring tube (check Graphic below)													
Plan													
Angled 118°													
Spherically													
Pointed													
Bevelled													
Special version													
Nominal length of the measuring tube													
100 mm													
Mention in mm													
Version of the handle													
E = Extension + length + material													
Cable length in mm													
Mention in mm													
Cable type													
Glass fiber - Glass fiber - stainless steel braid													
Glass fiber - Glass fiber - stainless steel braid - PTFE													
Teflon - shield - silicone													
Check cable types													
Connection													
Free Ends, 60 mm													
Check ends													
LEMO plug + size + number of poles													
Round plug screw lock + size + number of poles													
M 12 Round plug + number of poles													
Check plug types													
Temperature measuring tip													
Mention in °C													
Order code (example) →													
GF-7148	1	-.	4-L.	4,0.	S.	100.	E=14x100/PTFE	3000.	TE-C-SI	A.	400°C		

MEASURES





DIGITAL DATA
2D, 3D and CAD

to Download