

Resistance thermometer angled with bayonet lock, immersion sleeve and T-piece Series GF-7110

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 possible

TECHNICAL DETAILS

Core values

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

Diameter Immersion sleeve / Sensor

10 mm / 8 mm in standard

Design of the immersion sleeve

Closed, flat

Installation length

Min. 20 mm up to max. 2000 mm

Sensor fixing

Bayonet lock

Process temp. at the measuring tip

Up to +600 °C depending on version

Process connection adapter

Metric or Inch

High – quality cable types

Connection cables
All available versions

Connectivity

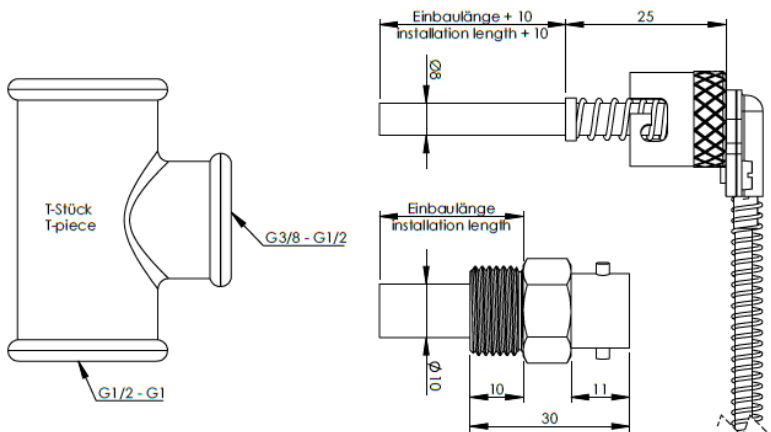
Free ends, plug

Special version

Customized, on request

Standard version													
	GF-7110												
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	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/a												
3-wire-circuit	3-L												
4-wire-circuit	4-L												
Further versions on request													
Version T-piece													
without	-												
G1/2" in combination with immersion sleeve G3/8"	80												
G1" in combination with immersion sleeve G1/2"	81												
Further thread sizes on request													
Material of the immersion sleeve													
Stainless steel 1.4571	E												
Further materials on request													
Thread size of the immersion sleeve													
Without	-												
G1/8"	45												
G3/8"	44												
G1/2"	82												
Further versions on request													
Installation length of the immersion sleeve													
Mention in mm	XX												
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 at measuring tip													
Mention in °C	400°C												
Order code (example)	→	GF-7110	.1	-.	3-L	.	E	-.	30.	3000.	GL-GL-PVA-TE	A.	400°C

MEASURES



DIGITAL DATA
2D, 3D and CAD

[to Download](#)