



Resistance thermometer Bayonet sensor Series GF-7112

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

4,76 mm - 10,00 mm in standard

Form of the measuring tip

118° angled, plan, convex, spherical

Bayonet lock

Nickel-plated steel or stainless steel
VK-05/VK-14/VK-17/VK-19/VK-21

Kink protection-/ threaded spring

- Stainless steel / Inconel up to 1000 mm
- Standard 180 mm
- Standard 250 mm

Process temp. at the measuring tip

Up to +600°C depending on version

Process-connection adapter

Metric or Zoll up to 300mm

High - quality cable types

Connection cables
All available versions

Connectivity

Free ends, plug, special

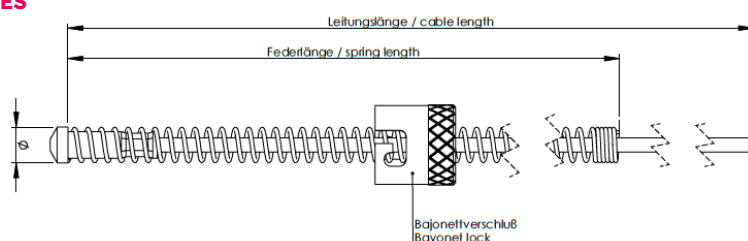
Special version

Customized, on request

Standard version			GF-7112				
Special version							
ceramically isolated , measuring tip brass (only 6 mm)	B						
ceramically isolated , measuring tip stainless steel	B-S						
Customized special version	C						
Measuring tube 6/8 mm	L						
ATEX	EX						
Number of measuring systems							
1x	1						
2x	2						
Core values measuring system							
PT100 / Class B	n/a						
PT100 / Class A	K1.A						
PT100 / Class AA (1/3 DIN B)	K1.AA						
PT50/PT500/PT1000/PTC/NTC/KTY							
Types of electrical circuits							
2-wire-circuit	n/a						
3-wire-circuit	3-L						
4-wire-circuit	4-L						
Diameter of the measuring tube							
6 mm	6						
8 mm	8						
5/8/10 mm	5/8						
6/8 mm	6/8						
Customized special version							
Measuring tube form (check graphic below)							
Angled 118°	W						
Plan	P						
Convex	B						
Spherical	K						
Graduated 5/8/10 mm	RF						
Customized special version							
Spring length							
180 mm	18						
250 mm	25						
Mention in mm							
Bayonet version							
VK-05 (ID=8,2mm)	VK-05						
VK-14 (ID=12,4mm)	VK-14						
VK-17 (ID=15,4mm)	VK-17						
VK-19 (ID=16,5mm)	VK-19						
VK-21 (ID=15,5mm-pin version)	VK-21						
Further versions on request							
Thread adapter with wrench size or round							
without	-						
GN-40x30 (M10x1 x length)	40						
GN-41x30 (M12x1 x length)	41						
GN-42-30 (M14x1,5 x length)	42						
GN-43x30 (G1/4 x length)	43						
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						
Check cable types							
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						
Check plug types							
Temperature measuring tip							
Mention in °C	400°C						

Order code (example) → GF-7112 1. K1.A 3-L 6. W. 18. VK-14. XX. 3000. A 400°C

MEASURES




DIGITAL DATA
2D, 3D and CAD

to Download