



Resistance thermometer Bayonet sensor Series GF-7112

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
- ✓ 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,
stepped

Bayonet lock

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

Kink protection-/ threaded spring

- Stainless steel up to 5000 mm
- Inconel up to 180 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 inch

High – quality cable types

Connection cables
All available versions

Connectivity

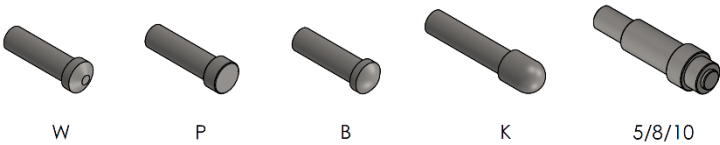
Free ends, plug

Special version

Customized, on request

Standard version													
	GF-7112												
Special version													
Measuring tube 6/8 mm		/L											
ATEX		/EX											
with mineral insulated cable		/7150											
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/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													
4,76 mm		4,76											
6 mm		6											
8 mm		8											
5/8 mm		5/8											
5/8/10 mm		5/8/10											
6/8 mm		6/8											
Measuring tube form (check graphic below)													
Angled 118°						W							
Plan						P							
Convex						B							
Spherical						K							
Customized special version													
Spring length													
180 mm as standard						18							
250 mm						25							
Mention in cm													
Bayonet version													
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							
On request, check data sheet threaded adaptors													
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 + number of poles + size												LST2P1S	
Round plug screw lock + number of poles + size												DST3PS	
M 12 Round plug + number of poles												EST-M12-4P	
On request, check datasheet 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													

MEASURING TUBE DESIGN



MEASURES

