

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

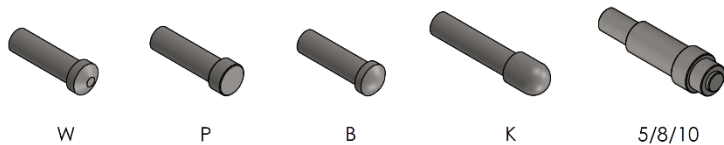
Special version

Customized, on request

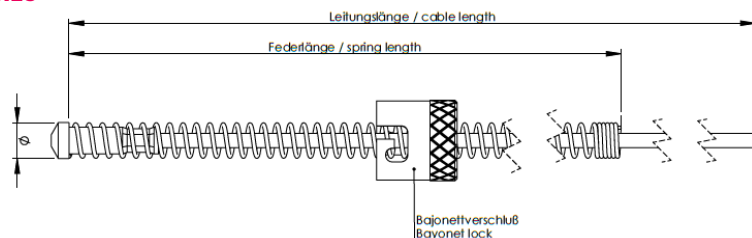
Standard version									
	GF-7112								
Special version									
Measuring tube 6/8 mm	/L								
ATEX	/EX								
with mineral insulated cable	/7150								
Number of measuring systems									
1x			1						
2x			2						
Core values measuring system									
PT100 / Class B DIN EN 60751			n/a						
PT100 / Class A DIN EN 60751			K1A						
PT100 / Class AA DIN EN 60751			K1AA						
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. K1A. 3-L. 6. W. 18. VK-14. XX. 3000. A. 400°C

MEASURING TUBE DESIGN



MEASURES





DIGITAL DATA
2D, 3D and CAD

to Download