



Resistance thermometer Surface sensor with pipe clamp fixing Series GF-7122

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

Standard pipe clamp size

Ø16 mm to Ø130 mm

Standard band clamp size

Ø30 mm to Ø1000 mm

Clamp material

1.4301

Sensor material

Stainless steel

Process temp. at the measuring tip

Up to +600 °C depending on version

Sensor fixing

Closure of the clamp with slot and
hexagon

High – quality cable types

Connection cables
All available versions

Connectivity

Free ends, plug

Special version

Customized, on request

Standard version									
	GF-7122								
Cable outlet									
Straight		n/a							
Radial		/R							
Axial		/A							
Special version									
ATEX		/EX							
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			KI.A						
PT100 Class AA DIN EN 60751			KI.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						
Diameter pipe - or band clamp									
16 mm - 25 mm			68						
20 mm - 32 mm			69						
32 mm - 50 mm			70						
50 mm - 70 mm			71						
70 mm - 90 mm			72						
90 mm - 110 mm			73						
110 mm - 130 mm			74						
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 + number of poles + size							LST2P1S		
Round plug screw lock + number of poles							DST3PS		
M 12 Round plug + number of poles							EST-M12-4P		
On request, see datasheet connectors									
Temperature measuring tip									
Mention in °C								400°C	
Order code (Example) → GF-7122 .1. KI.A. 3-L. 70. 3000. A. 400°C									

MEASURES

Leitungslänge / cable length

7122/R

Leitungslänge / cable length

7122

Leitungslänge / cable length

7122/A

DIGITAL DATA
2D, 3D and CAD

to Download