



Resistance thermometer with bayonet lock and immersion sleeve Series GF-7140

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

TECHNICAL DETAILS

Core values

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

Diameter

Sensor / sleeve in standard
6,0 mm / 8,00 mm
8,0 mm / 10,0 mm

Design of the measuring tip/sleeve

Plan, closed

Installation length

Min. 10 mm up to max. 2000 mm

Material

Sensor/ sleeve made of stainless steel

Process temp. at the measuring tip

Up to +600 °C depending on version

Process connection

Using a matching immersion sleeve
Metric or inch
Sensor with bayonet connection

High – quality cable types

Connection cables
All available versions

Connectivity

Free ends, plug

Special version

Customized, on request

Standard version												
	GF-7140											
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/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 sensor/immersion sleeve												
6/8 mm				6/8								
8/10 mm				8/10								
Mention in mm												
Measuring tube form												
Plan				n/a								
Special version												
Installation length												
50 mm					50							
Mention in mm												
Thread size immersion sleeve												
Without immersion sleeve												
G1/8					45							
G3/8					44							
G1/2					82							
Further thread sizes on request												
Version with connection head												
Without connection head (version with cable)								..				
BK-connection head								BK				
KK-connection head								KK				
Further head sizes 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	
M12 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-7140 .1. -. 3-L. 8/10. 50. 82. KK. -. -. 400°C												

DIMENSIONS

DIGITAL DATA
2D, 3D and CAD

to Download