



Resistance thermometer Screw in sensor perforated or slotted with compression fitting Series GF-7132

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

5,0 mm – 10,00 mm in standard

Design of the measuring tip

Perforated or slotted (Ø10 mm)

Nominal length

Min. 50 mm up to max. 2000 mm

Material

Sensor completely made of stainless
steel

Process temp. at the measuring tip

Up to +600 °C depending on version

Process connection

With matching compression fitting

High – quality cable types

Connection cables
All available versions

Connectivity

Connection head, free ends, plugs

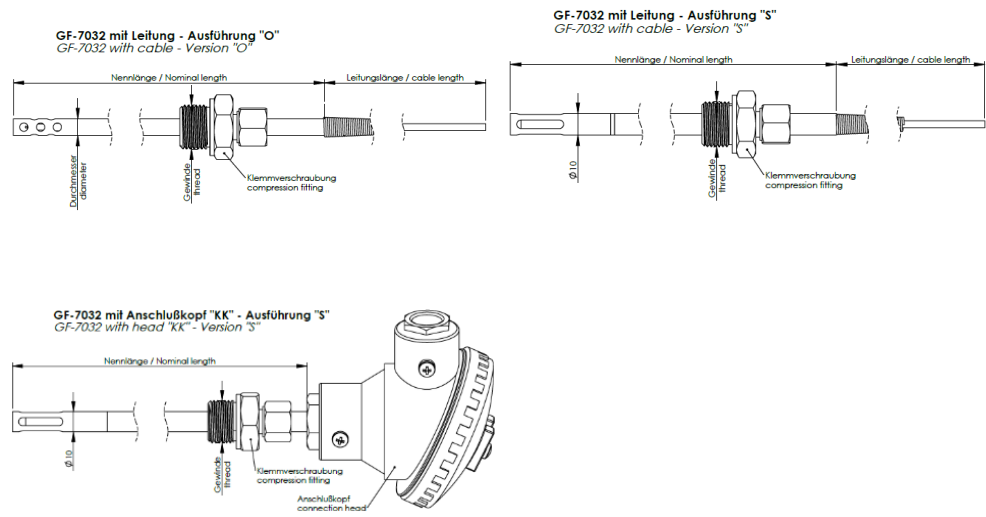
Special version

Customized, on request

Standard version											
	GF-7132										
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 measuring tube											
6,0 mm				6,0							
8,0 mm				8,0							
10,0 mm				10,0							
Mention in mm											
Measuring tube form (check graphic below)											
Perforated					O						
Slotted (Ø10 mm)					S						
Special version											
Nominal length											
50 mm					50						
mention in mm											
Matching compression fitting											
G1/4					43						
G1/2					82						
G3/4					83						
M10x1					40						
M14x1,5					42						
Further versions on request											
Terminal heads											
B-head						BK					
K-head						KK					
A-head						AK					
Check connection head selection											
Cable length in mm (cable version)											
Angabe in mm							XXXX				
Cable type (cable version)											
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 + size + number of poles									DST3PS		
M 12 Round plug + number of poles									EST-M12-4P		
Further request, see datasheet connectors											
Temperature measuring tip											
Mention in °C											400°C

Order code (example)	→	GF-7132	.1.	-.	3-L.	10,0.	S.	50.	82.	KK.			400 °C
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DIMENSIONS



DIGITAL DATA
2D, 3D and CAD

to Download