



## Resistance thermometer Surface sensor with brass - segment Series GF-7131

### PRODUCT FEATURES

- ✓ Resistance thermometer acc. to DIN EN 60751
- ✓ High precision platinum sensor
- ✓ 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

#### Segment measures

Brass segment 30 x 22 x 10 mm

#### Cable outlet

Straight

#### Material

Brass segment nickel plated  
Contact surface ground bright

#### Kink protection spring

Stainless steel,  
length 70 mm in standard

#### Process temp. at the measuring tip

Up to +400°C depending on version

#### Process connection

Mounting screws M4, enclosed

#### High - quality cable types

Connection cables  
All available versions

#### Connectivity

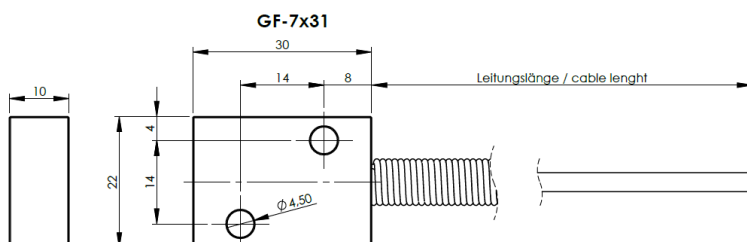
Free ends, plug, special

#### Special version

Customized, on request

<b>Standard version</b>								
	GF-7131							
<b>Sensor version</b>								
Brass segment	n/a							
<b>Number of measuring systems</b>								
1x		1						
2x		2						
<b>Core values measuring system</b>								
PT100 Class B		n/a						
PT100 Class A		K1A						
PT100 Class AA		K1AA						
PT50/PT500/KTY/NTC/PTC + Type		KTY						
Further versions on request								
<b>Types of electrical circuits</b>								
2-wire-circuit		n/a						
3-wire-circuit		3-L						
4-wire-circuit		4-L						
Further versions on request								
<b>Sensor measures</b>								
Standard 30 x 22 x 10 mm				n/a				
Further versions on request								
<b>Cable length in mm</b>								
Mention in mm				XXXX				
<b>Cable type</b>								
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								
<b>Connection</b>								
Free Ends, 60 mm						A		
Check ends						PRF		
LEMO plug + size + number of poles						LST2PS		
Round plug screw lock + size + number of poles						DST3PS		
M 12 Round plug + number of poles						EST-M12-4P		
Check plug types								
<b>Temperature measuring tip</b>								
Mention in °C							400°C	
<b>Order code (example)</b>	<b>→</b>	GF-7131	1	K1A	4-L	3000	A	400°C

MEASURES





**DIGITAL DATA**  
2D, 3D and CAD

to Download