

## Resistance thermometer High temperature screw in sensor 15mm Series GF-8102

### 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

#### Protection tube diameter

15,00 mm in standard

#### Installation length

Min. 30 mm up to max. 3000mm

#### Process connection

Compression fitting, gas tight  
clamp flange

#### Size of the thread

G1  
Further versions on request

#### Process temp. at the measuring tip

Up to +600°C depending on version

#### Connection head versions

BK, KK, AK with or without transmitter

#### Optional versions

Measuring insert (optional)  
Further versions on request

#### Nominal length

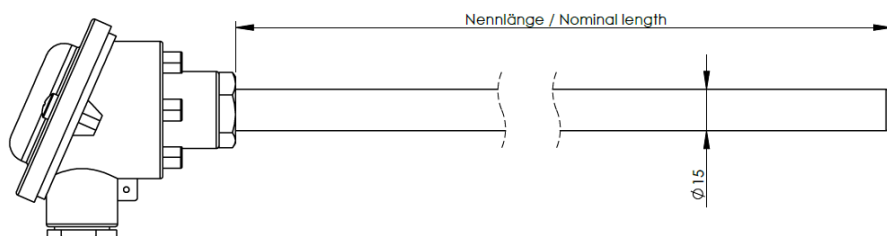
Standard +150 mm

#### Protection tube material

Stainless steel 1.4571  
High temperature steel 1.4762

<b>Standard version</b>										
Version with neck tube	GF-8102									
Special version										
<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>Diameter protection tube</b>										
15,00 mm				15,00						
Mention in mm										
<b>Material protection tube</b>										
Stainless steel 1.4571						D				
High temperature steel 1.4762						B				
Further versions on request										
<b>Installation length incl. thread</b>										
100 mm							100			
Mention in mm										
<b>Nominal length</b>										
Standard +150 mm							XX			
Mention in mm										
<b>Thread sizes</b>										
G1								84		
Installation flange								F		
Further versions on request										
<b>Connection head versions</b>										
BK									BK	
KK									KK	
AK									AK	
Check connection head selection										
<b>Transmitter option</b>										
MU + Value									MU4-20mA	
<b>Temperature measuring tip</b>										
Mention in °C									400°C	
<b>Order code (example) →</b>										
	GF-8102	1	-.	3-L.	15.	D	100.	-.	BK.	400°C

MEASURES



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

[to Download](#)