



Resistance thermometer High temperature Screw-in sensor 22 mm Series GF-8103

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

Protection tube diameter

22,00 mm as standard

Nominal length

Min. 100 mm up to max. 2000 mm

Process connection

Threaded sleeve, gas-tight
stop flange

Size of the thread

G1, G3/4
Further versions on request

Process temp. at the measuring tip

Up to +800 °C depending on version

Connection head versions

KK, AK with or without transmitter

Optional versions

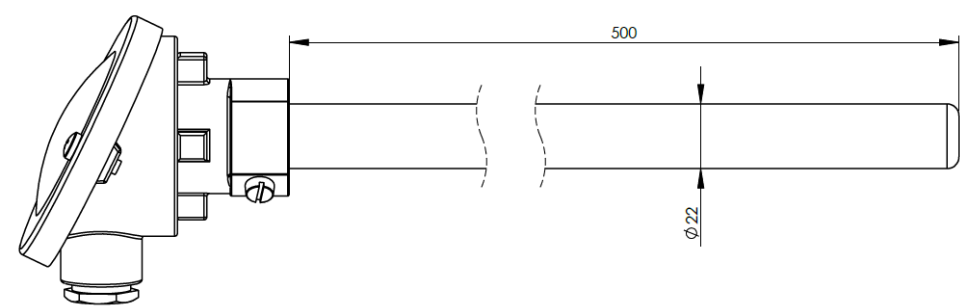
Measuring insert (optional)
Further versions on request

Protection tube material

Stainless steel 1.4571
Further versions on request

Standard version													
	GF-8103												
Special version													
On request													
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 protection tube													
22,00 mm			22										
Mention in mm													
Material protection tube													
Stainless steel 1.4571			D										
Further versions on request													
Nominal length													
100 mm			100										
Mention in mm													
Thread sizes / flange													
G3/4 gas-tight			83										
G1 gas-tight			84										
stop flange			F										
Further accessories on request													
Connection head versions													
K-head terminal			KK										
A-head terminal			AK										
Further versions on request													
Signal-transmitter option													
Signal-transmitter 4-20 mA			MU4-20mA										
Signal-transmitter option temperature range													
Mention in °C			0°C...400°C										
Temperature measuring tip													
Mention in °C			400°C										
Order code (example)													
→	GF-8103		.1.	-.	3-L.	15.	D.	100.		KK.			400°C

DIMENSIONS





DIGITAL DATA

2D, 3D and CAD

to Download