



Resistance thermometer High temperature angled sensor 22 mm Series GF-8105

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 in standard

Leg length

Vertically and horizontally freely
selectable
Min. 30 mm up to max. 2000 mm

Process connection

Compression fitting, gas tight
Clamp flange

Thread size

G1
Further versions on request

Process temp. at the measuring tip

Up to +600 °C depending on version

Connection head versions

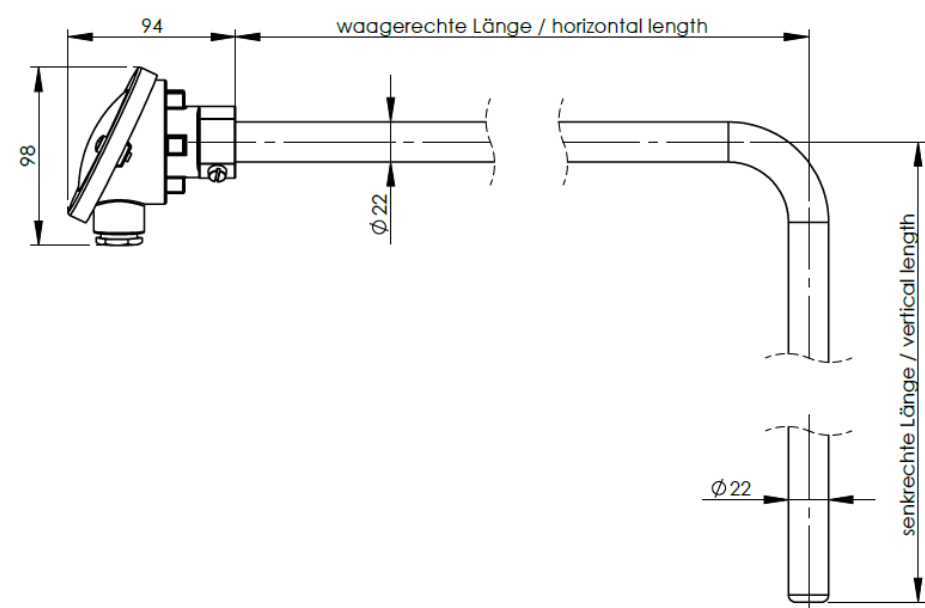
BK, KK, AK with or without transmitter

Protection tube material

Stainless steel 1.4571
High temperature steel 1.4762

Standard version												
Version with neck tube	GF-8105											
Special version												
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	K1.A											
PT100 Class AA DIN EN 60751	K1.AA											
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	22,00											
Mention in mm												
Material protection tube												
Stainless steel 1.4571	D											
High temperature steell 1.4762	B											
Further versions on request												
Leg length vertically												
250 mm	250											
Mention in mm												
Leg length horizontally												
500 mm	500											
Mention in mm												
Thread / mounting												
G1	84											
Mounting flange	F											
Further versions on request												
Terminal head version												
B-head terminal	BK											
K-head terminal	KK											
A-head terminal	AK											
Further versions on request												
Signal-transmitter option												
Signal-transmitter 4-20 mA	MU4-20mA											
Signal-transmitter temperature range												
Mention in °C	0°C...400°C											
Temperature measuring tip												
Mention in °C	400°C											
Order code (example) → GF-8105 .1. K1.A. 3-L. 22. D. SL=250. WL=500. -. AK. 400°C												

DIMENSIONS



DIGITAL DATA
2D, 3D and CAD



to Download