

Resistance thermometer High temperature ceramic sensor 15mm Series GF-8106

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. 1000mm

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

Optional versions

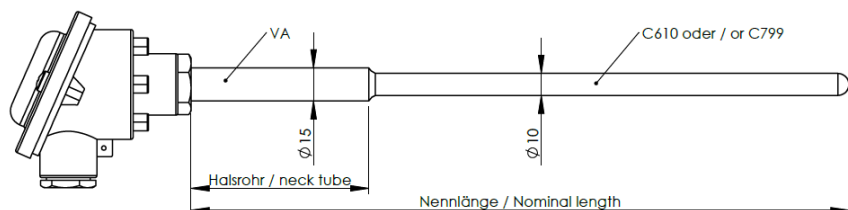
Measuring insert (optional)
Further versions on request

Protection tube material

Neck tube high temperature steel 1.4762
Protection tube ceramic

| | | | | | | | | | | |
|--|----------|---------|-------|-------|------|--------|--------|----------|-------|-------|
| Standard version | | | | | | | | | | |
| Version with neck tube | GF-8106 | | | | | | | | | |
| Special version | | | | | | | | | | |
| Number of measuring systems | | | | | | | | | | |
| 1x | | 1 | | | | | | | | |
| 2x | | 2 | | | | | | | | |
| Core values measuring system | | | | | | | | | | |
| PT100 Class B | | n/a | | | | | | | | |
| PT100 Class A | | K1.A | | | | | | | | |
| PT100 Class AA | | 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 | | | | | | | | |
| Further versions on request | | | | | | | | | | |
| Diameter protection tube | | | | | | | | | | |
| 10,00 mm / 15 mm neck tube | | | 10/15 | | | | | | | |
| Mention in mm | | | | | | | | | | |
| Material protection tube | | | | | | | | | | |
| Ceramic | | | | | | | C | | | |
| Further versions on request | | | | | | | | | | |
| Nominal length protection tube | | | | | | | | | | |
| 250 mm | | | | | | 250 | | | | |
| Mention in mm | | | | | | | | | | |
| Length neck tube | | | | | | | | | | |
| 100 mm | | | | | | 100 | | | | |
| Mention in mm | | | | | | | | | | |
| Thread / mounting | | | | | | | | | | |
| G1 | | | | | | | 84 | | | |
| Mounting flange | | | | | | | F | | | |
| For further versions check accessories | | | | | | | | | | |
| Connection head versions | | | | | | | | | | |
| BK | | | | | | | | BK | | |
| KK | | | | | | | | KK | | |
| AK | | | | | | | | AK | | |
| Check connection head selection | | | | | | | | | | |
| Transmitter option | | | | | | | | | | |
| MU + value | | | | | | | | MU4-20mA | | |
| Temperature measuring tip | | | | | | | | | | |
| Mention in °C | | | | | | | | | 400°C | |
| Order code (example) | → | GF-8106 | 1 | K1.A. | 3-L. | 10/15. | D 250. | 100. | AK. | 400°C |

MEASURES



DIGITAL DATA
2D, 3D and CAD

[to Download](#)