

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

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

22,00 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

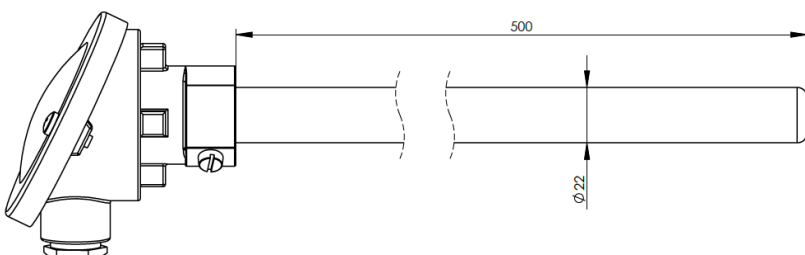
Standard +150 mm

Protection tube material

Stainless steel 1.4571
High temperature steel 1.4762

| | | | | | | | | | | |
|---|---------|------|----|-------|-----|---|------|----|----------|-------|
| Standard version | | | | | | | | | | |
| Version with neck tube | GF-8103 | | | | | | | | | |
| Special version | | | | | | | | | | |
| Number of measuring systems | | | | | | | | | | |
| 1x | | 1 | | | | | | | | |
| 2x | | 2 | | | | | | | | |
| Core values measuring system | | | | | | | | | | |
| PT100 Class B | | n/a | | | | | | | | |
| PT100 Class A | | K1A | | | | | | | | |
| PT100 Class AA | | 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 | | | | | | | | |
| Further versions on request | | | | | | | | | | |
| Diameter protection tube | | | | | | | | | | |
| 22,00 mm | | | | 22,00 | | | | | | |
| Mention in mm | | | | | | | | | | |
| Material protection tube | | | | | | | | | | |
| Stainless steel 1.4571 | | | | | | D | | | | |
| High temperature steel 1.4762 | | | | | | B | | | | |
| Further versions on request | | | | | | | | | | |
| Installation length incl. thread | | | | | | | | | | |
| 100 mm | | | | | | | 100 | | | |
| Mention in mm | | | | | | | | | | |
| Nominal length | | | | | | | | | | |
| Standard +150 mm | | | | | | | | XX | | |
| Mention in mm | | | | | | | | | | |
| Thread sizes | | | | | | | | | | |
| G1 | | | | | | | | 84 | | |
| Installation flange | | | | | | | | F | | |
| Further versions on request | | | | | | | | | | |
| 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-8103 | 1 | -. | 3-L. | 15. | D | 100. | -. | BK. | 400°C |

MEASURES



DIGITAL DATA
2D, 3D and CAD

to Download