

Thermocouple Connection head sensor with weld-in protection sleeve Series GF-8004

PRODUCT FEATURES

- ✓ Thermocouples
acc. to DIN EN 60584
- ✓ High precision thermo cable
- ✓ High precision measuring system
- ✓ Single / double measuring system
- ✓ Electrical isolated or not isolated
- ✓ Pure silver interior design
- ✓ Durable
- ✓ Process and failsafe
- ✓ Temperature and long term stable
- ✓ ATEX version
- ✓ FDA / CE compliant version

TECHNICAL DETAILS

Thermo voltage

Fe-CuNi/J-L, NiCr-Ni/K, Pt-RhPt/S-R

Protection tube diameter

18,00 mm / 24,00 mm in standard

Installation length

110 mm up to max. 260mm

Process connection

DIN 910 screw connection

Thread size

M18 x 1,5 mm
Further versions on request

Process temp. at the measuring tip

Up to +1260°C depending on version

Connection heads versions

BK, KK, AK, BUZ, BUS

D-weld-in sleeve

D1 / D2 / D4 / D5
Further versions on request

Version with Mantle thermocouple

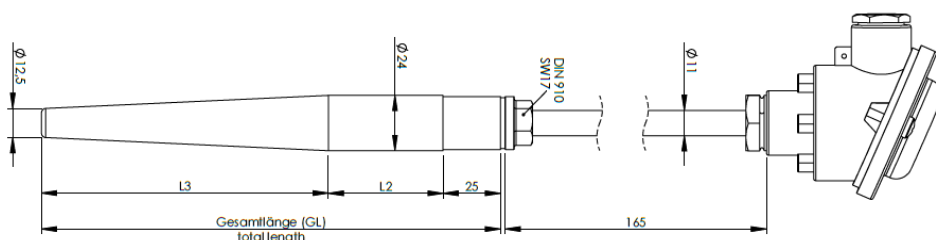
Material stainless steel / Inconell

Protection tube material

1.4571 / 1.7335 / 1.5415

| | | | | | | | | | | |
|------------------------------------|---------|---------|------|-------|-----|---------|-----|----------|-------|-------|
| Standard version | | | | | | | | | | |
| Version with neck tube | GF-8004 | | | | | | | | | |
| Special version | | | | | | | | | | |
| Number of measuring systems | | | | | | | | | | |
| 1 x | | 1 | | | | | | | | |
| 2 x | | 2 | | | | | | | | |
| Type of element | | | | | | | | | | |
| Fe-CuNi Type J | | | FK-J | | | | | | | |
| Fe-CuNi Type L | | | FK-L | | | | | | | |
| Fe-CuNi Type K | | | NC | | | | | | | |
| PtRh-Pt Type S | | | PR | | | | | | | |
| Check element selection | | | | | | | | | | |
| Electrical properties | | | | | | | | | | |
| Grounded | | | | e | | | | | | |
| Isolated | | | | i | | | | | | |
| Diameter protection tube | | | | | | | | | | |
| 24 x 140 mm, cone 65 mm | | | | D1 | | | | | | |
| 24 x 200 mm, cone 125 mm | | | | D2 | | | | | | |
| 24 x 200 mm, cone 65 mm | | | | D4 | | | | | | |
| 24 x 260 mm, cone 125 mm | | | | D5 | | | | | | |
| Mention in mm | | | | | | | | | | |
| Nominal length incl. sensor | | | | | | | | | | |
| 200 mm | | | | | 200 | | | | | |
| Mention in mm | | | | | | | | | | |
| Sensors thread | | | | | | | | | | |
| M18 x 1,5 | | | | | | M18x1,5 | | | | |
| Further versions check accessories | | | | | | | | | | |
| Connection head versions | | | | | | | | | | |
| BK | | | | | | | BK | | | |
| KK | | | | | | | KK | | | |
| AK | | | | | | | AK | | | |
| BUZ | | | | | | | BUZ | | | |
| BUS | | | | | | | BUS | | | |
| Check connection head selection | | | | | | | | | | |
| Transmitter option | | | | | | | | | | |
| MU + value | | | | | | | | MU4-20mA | | |
| Temperature measuring tip | | | | | | | | | | |
| Mention in °C | | | | | | | | | 400°C | |
| Order code (example) | → | GF-8004 | 1. | FK-J. | e. | D1. | 200 | M18x1,5 | BUZ. | 400°C |

MEASURES



DIGITAL DATA
2D, 3D and CAD

[to Download](#)