**Type TF 35****basic @ temp**

Temperature sensor for aseptic applications with welding sleeve system and modular process connections

Basic features

- ▶ welding sleeve system with modular process connections
- ▶ Aseptic measuring point
- ▶ Freely programmable sensor-head transducer optional
- ▶ Wetting parts made of high-grade steel
Material no. 1.4404
- ▶ FDA, EHEDG-conformal

Technical features

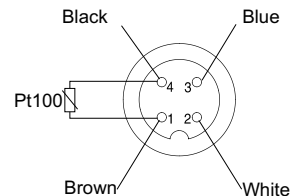
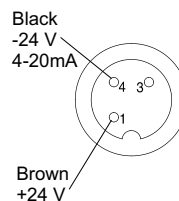
- ▶ 1 or 2xPt100 class A, 1/3 DIN or 1/10DIN
- ▶ Standard temperature range -50°C to +200°C
- ▶ Sensor lengths from 50 mm to 2500 mm
- ▶ High-grade steel connecting head with bolting or M12-plug
- ▶ Thread G1/2" elastomer-free sealing system
- ▶ Protection class IP69K

Favoured fields of application are e.g.:

- ▶ Temperature measuring in the food industrie
- ▶ Temperature measuring in the pharmaceutical industry



With measuring transducer MUK Without measuring transducer MUK

**order code**TF 35 -

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High-grade steel connecting head

With bolting

5

With M12-plug

6

Fitting length

50 mm

A

100 mm

B

150 mm

C

200 mm

D

250 mm

E

300 mm

F

400 mm

G

Customer preference (up to 2500 mm)

K

tapered probe tip

without tapered probe tip

-

-

tapered probe tip Ø 3 mm

3

V

tapered probe tip Ø 4 mm

4

V

Type of sensor and tolerance

1xPT100 class A

1

A

1xPT100 1/3 DIN

1

C

1xPT100 1/10 DIN

1

D

2xPT100 class A

2

A

2xPT100 1/3 DIN

2

C

2xPT100 1/10 DIN

2

D

Output signal

Additional name for integrated sensor-head transducer

MUK

Specification of the temperature range

The red marked items are preferred types!

Stand: 09/2009