

## Type TF 45

## basic @ temp

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

### Basic features

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

### Technical features

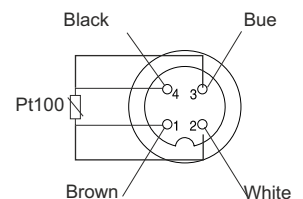
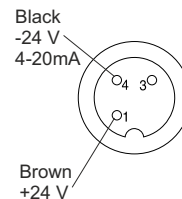
- ▶ 1 or 2xPt100, class A 1/3 DIN
- ▶ Sensor lengths from 50 mm to 2500 mm
- ▶ Functional range up to 200°C
- ▶ Connection by fixed cable or M12-plug
- ▶ Adapter for all common process connections
- ▶ Thread G1/2", elastomer-free sealing system
- ▶ Protection class IP69K
- ▶ standard protective tube Ø 6 mm



### Favoured fields of application are e.g.:

- ▶ Temperature measuring in the food industry in areas of constricted space
- ▶ Temperature measuring in the pharmaceutical industry
- ▶ Cost-saving measuring

With measuring transducer MUK Without measuring transmitter MUK



TF 45 -

High-grade steel connecting head

With M12 plug

With fixed cable (X=Length in metres)  
(standard 2mtr.) for each additional mtr.

Fitting length

50 mm

100 mm

150 mm

200 mm

250 mm

300 mm

400 mm

Customized, Length < 400 mm

customer request, length > 400mm, basic price 400mm + 10,00 Euro per started 100 mm + special type flat rate

Taper ratio of the probe tip

without tapered ratio

Taper ratio Ø 3 mm

Type of sensor and tolerance

1xPT100 class A

1xPT100 1/3 DIN

2xPT100 class A

2xPT100 1/3 DIN

Output signal

Additional name for transducer Output 4-20 mA

Specification of the temperature range

Special Type

Special type flat rate applies once per variant and order, regardless of quantity

The red marked items are preferred types!