



# Type TF 48

basic @ temp

Temperature for aseptic applications

### Basic features

- ▶ Aseptic measuring point
- ▶ sealed up to the process
- ▶ Free programmable measuring transducer (4...20 mA) optional
- ▶ Sensor made of high-grade steel  
Material no. 1.4301
- ▶ Also for pipes with a small Ø from DN 10
- ▶ FDA, EHEDG-conformal

### Technical features

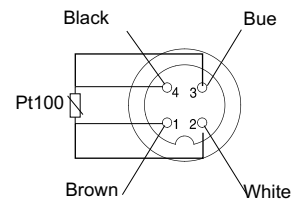
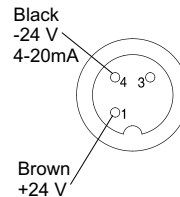
- ▶ 1 x Pt100, class A
- ▶ Process connection: immersion sleeve with 3/8" cap nut
- ▶ Standard temperature range -50 ... +200°C
- ▶ High grade steel connecting head with fixed cable or M12-plug
- ▶ Torque: IP 69 K



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

- ▶ Temperature measuring in the pharmaceutical industry

With measuring transducer MUK Without measuring transmitter MUK



TF 48 -

High grade steel connecting head					
With M12 plug	1	1			
With fixed cable (X=Length in metres) (standard 2mtr.) for each additional mtr.	1	X			
Fitting length					
37 mm			A		
59 mm			B		
83 mm			C		
160 mm			D		
Type of sensor and tolerance					
1xPT100 class A				1	A
1xPT100 1/3 DIN				1	C
Output signal					MU
Additional name for transducer Output 4-20 mA					
Specification of the temperature range					

The red marked items are preferred types!