**Type TF 45****basic @ temp**

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

Basic features

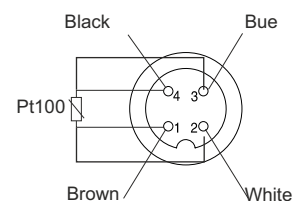
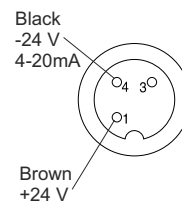
- ▶ welding sleeve system with modular process connections
- ▶ Aseptic measuring point
- ▶ Measuring transducer optional
- ▶ Wetting parts made of high-grade steel material no. 1.4404
- ▶ FDA, EHEDG-conformal

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
- ▶ Working pressure 16 bar max.
- ▶ 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	1	1												
Fitting length														
50 mm				A										
100 mm				B										
150 mm				C										
200 mm				D										
Customized				K										
Taper ratio of the probe tip														
without tapered ratio				-	-									
Taper ratio Ø 3 mm				3	V									
Type of sensor and tolerance														
1xPT100 class A								1	A					
1xPT100 1/3 DIN								1	C					
2xPT100 class A								2	A					
2xPT100 1/3 DIN								2	C					
Output signal														
Additional name for transducer Output 4-20 mA													MU2	
Specification of the temperature range														

The red marked items are preferred types!