

## 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

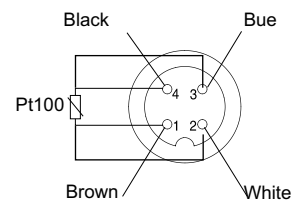
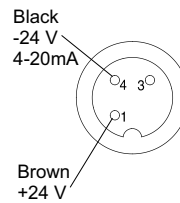
- ▶ 1 or 2xPt100, class A 1/3 DIN
- ▶ Sensor lengths from 50 mm to 2500 mm
- ▶ Functional range up to 200°C
- ▶ Connection by fixed cable or M12-plug
- ▶ Adapter for all common process connections
- ▶ Thread G1/2", elastomer-free sealing system
- ▶ Protection class IP69K
- ▶ standard protective tube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



### Order-Code

TF 45 - [ ] - [ ] - [ ] - [ ]

High-grade steel connecting head				
With M12-Plug	1	1		
With fixed cable (X = Length in metres)	1	X		
At least 2 metres				
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				
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
2xPT100 class A			2	A
2xPT100 1/3 DIN			2	C
Output signal				
Additional name for measuring transducer output 4-20 mA				MU
Specification of the temperature range				

The red marked items are preferred types!