

Type TF 17

modular @temp

Scrapable resistance thermometer constructed like a tube for aseptic applications

Basic features

- ▶ process connections in different tube diameters
- ▶ protective fitting with neck pipe
- ▶ aseptic measuring point
- ▶ optional: with free programmable integrated measuring transducer 4...20 mA
- ▶ optional: calibration certificate according to DIN ISO 9000 ff (see data sheet calibr.-service)

Technical features

- ▶ 1 or 2 x Pt100, class. A in 3-wire circuit
- ▶ protective fitting Ø10x1 mm, no. 1.4571 (V4A)
- ▶ Extension neck length 35 mm
- ▶ alu / high-grade-steel connecting head with bolting or M12-plug
- ▶ functional range -20°C bis 200°C
- ▶ protection class: (execution-dependently)
- ▶ operating pressure 40 bar max.

Favoured fields of application

- ▶ temperature measuring in the food industry
- ▶ temperature measuring in the pharmaceutical Industry
- ▶ temperature measuring in positive pressure- and under-inflation containers and pipings



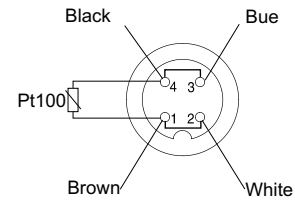
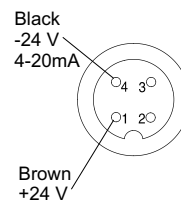
example: TF17-5-1A3-MUK-A

Speciality

This measuring system allows a precise and dead space free temperature measuring in pipings. The round profile shows no flow resistance. The choice of the materials, the surface condition and the design of the connections guarantee a safe operation under highest hygienic requirements. An intensive cleaning in the inserted condition is possible at any time.

Pin assignment M12-plug

With measuring transducer MUK Without measuring transducer MUK



Order Code

Order Code	TF 17	-	-	-	-
Connecting head					
SB (IP54) with screw -cap	1				
SBKL (IP65) with hinged lid	2				
SBKS (IP54 with hinged lid quick release fastener)	3				
SBAKLH (IP65 with high hinged lid (for meas. transducer))	4				
SBVA (high-grade-steel 1.4571, IP65), small vers., screw connection	5				
SBVAST (high-grade-steel 1.4571, IP65, like 5 w.o.screw conn., M12-plug)	6				
SBVAG (high-grade-steel 1.4571, IP65), large version, screw connection)	7				
SBVASTG (high-grade-steel, 1.4571, IP65, like 7 w.o. scr.conn., M12-plug)	8				
Type of sensor and tolerance					
1xPt100, class A 3-wire	1	A	3		
2xPt100, class A 3-wire	2	A	3		
1xPt100, class A 4-wire	1	A	4		
Output signal					
Additional name for integrated sensor-head transducer				MUK	
Specification of the temperature range					
Process connection					
Food screw connection DN15 nach DIN 11887					A
Food screw connection DN25 nach DIN 11887					B
Food screw connection DN32 nach DIN 11887					C
Food screw connection DN40 nach DIN 11887					D
Food screw connection DN50 nach DIN 11887					E
Food screw connection DN65 nach DIN 11887					F
Food screw connection DN80 nach DIN 11887					G
Clamp ISO 2852 1/2"					H
Clamp ISO 2852 3/4"					I
Clamp ISO 2852 1"					J
Customers preference					K

on request

The red marked items are preferred types!