

**Type TF 16**

**modular @temp**

Resistance thermometer for aseptic applications (brewing technology)

**Basic features**

- ▶ process connection VARIVENT DN 50
- ▶ protective fitting with neck pipe
- ▶ changeable connecting head
- ▶ changeable measuring element (without opening the process)
- ▶ 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
- ▶ protective fitting Ø 8 mm, tapered to 6 mm, material no. 1.4571 (V4A)
- ▶ length of immersion: 35 mm
- ▶ extension neck length: 70 mm
- ▶ alu / high-grade-steel connecting head with bolting or M12-plug
- ▶ standard-functional range -50°C to 400 °C (other ranges on request)
- ▶ protection class: (execution-dependently)
- ▶ operating pressure 10 bar max.

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

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

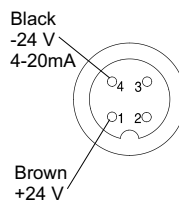


**Speciality**

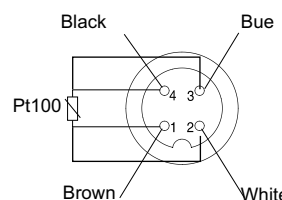
Process-sided protective fitting and process connection Varivent DN 50 are manufactured in one piece (without welding seam), therefore a better aseptic is ensured.

**Pin assignment M12-plug**

With measuring transducer MUK



Without measuring transducer MUK



**Order Code**

TF 16 -		-				-	
<b>Connecting head</b>							
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						
SBVAG (high-grade-steel 1.4571, IP65) large vers. with assembly kit for 2 MT	9						
SBVASTH (high-grade-steel 1.4571, IP65, like 9 w.o.scr.conn, M12-plug)	10						
<b>Type of sensor and tolerance</b>							
1xPt100, class A 4-wire		1	A	4			
2xPt100, class A 3-wire		2	A	3			
K - Customers preference (Please specify the length)				K			
<b>Output signal</b>							
Additional name for integrated sensor-head transducer							MUK
Specification of the temperature range							