

Type TF 14

modular @temp

Temperature sensor for aseptic applications

Basic features

- ▶ protective fitting with spherical welding sleeve
- ▶ for closed systems
- ▶ high-grade steel connecting head can be connected with several couplers
- ▶ this version is closed to the process
- ▶ changeable measuring element (without opening the process)
- ▶ changeable connecting head
- ▶ optional: with free programmable integrated measuring transducer 4...20 mA
- ▶ wetting parts made of high-grade-steel no. 1.4571
- ▶ aseptic measuring points
- ▶ FDA, EHEDG-conformal
- ▶ optional: calibration certificate according to DIN ISO 9000 ff (see data sheet calibr.-service)

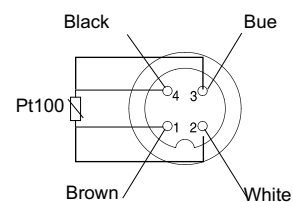
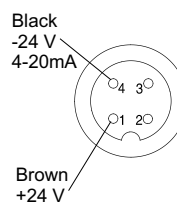


Technical features

- ▶ 1 or 2 x Pt100, classl. A
- ▶ sensor lengths from 50 mm to 2500 mm
- ▶ standard-functional range -50°C to 400 °C (other ranges on request)
- ▶ alu / high-grade-steel connecting head with bolting or M12-plug
- ▶ protection class: (execution-dependently)
- ▶ operating pressure 20 bar max.
- ▶ standard protective tube Ø 6 mm

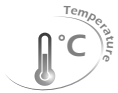
Pin assignment M12-plug

With measuring transducer MUK Without measuring transducer MUK



Favoured fields of application are e.g.:

- ▶ temperature measuring in process engineering
- ▶ temperature measuring in the food industry
- ▶ temperature measuring in positive pressure- and under-inflation containers and pipings



Type TF 14

modular @temp

TF 14 - [] - [] - [] [] [] - []

Connecting head					
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				
Fitting length (ML = mouting length), (MEL = measuring element length)					
50 mm ML (MEL = 126 mm)		A			
100 mm ML (MEL = 176 mm)		B			
150 mm ML (MEL = 226 mm)		C			
200 mm ML (MEL = 276 mm)		D			
250 mm ML (MEL = 326 mm)		E			
50 mm ML with long adapter (MEL = 176 mm)		F			
100 mm ML with long adapter (MEL = 226 mm)		G			
150 mm ML with long adapter (MEL = 276 mm)		H			
200 mm ML with long adapter (MEL = 326 mm)		L			
250 mm ML with long adapter (MEL = 376 mm)		M			
30 mm ML with special adapter		X			
Customized, Length <250mm, price of the next higher standard length		K			
Customized, Length > 250 mm, Base price of 250 mm, + 10,00 euro per started 100 mm					
Type of sensor and tolerance					
1xPt100, class A 4-wire			1	A	4
2xPt100, class A 3-wire			2	A	3
other type or customized classification on request					K
Output signal					
Additional name for integrated sensor-head transducer					MUK
Specification of the temperature range					

The red marked items are preferred types!