

Type TF 13

modular @temp

Temperature sensor insertable and wedgable

Basic features

- ▶ process connection with different clamp boltings
- ▶ variable depth of sensor immersion
- ▶ 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
- ▶ FDA conformal
- ▶ optional: calibration certificate according to DIN ISO 9000 ff (see data sheet calibr.-service)

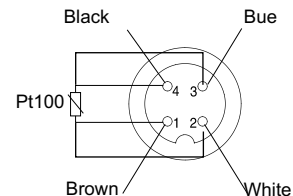
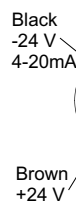


Technical features

- ▶ 1 or 2xPt100 class A
- ▶ sensor length from 50 mm to 2500 mm
- ▶ standard-functional range -50°C to 400°C
- ▶ alu / high-grade steel connecting head with bolting or M12-plug
- ▶ adaptable to various clamped boltings
- ▶ protection class: (execution-dependently)
- ▶ operating pressure (execution-dependently)
- ▶ 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.:

- ▶ Standard process application in rough environment
- ▶ standard temperature measuring; measuring in positive pressure- and under-inflation Containers and pipings

Examples clamp boltings



VAPE 25/6



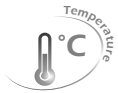
VATE 1/46



VATE 1/29

See data sheet process connections

modular @ process



Type TF 13

modular @temp

TF 13 - [] - [] - [] [] [] [] - [] - []

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					
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 = 85 mm)		A				
100 mm ML (MEL = 135 mm)		B				
160 mm ML (MEL = 195 mm)		C				
200 mm ML (MEL = 235 mm)		D				
250 mm ML (MEL = 285 mm)		E				
300 mm ML (MEL = 335 mm)		F				
400 mm ML (MEL = 435 mm)		G				
Customized, Length <400mm, price of the next higher standard length		K				
Customized, Length > 400 mm, Base price of 400 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						
Diameter of the protective fitting						
protective fitting Ø 6 x 1 mm (standard)						6
protective fitting Ø 9 x 1 mm (optional)						9
customers preference						K

The red marked items are preferred types!