

# Type TF 33

basic @ temp

Temperature sensor without thread with clamped bolting

### Basic features

- ▶ Variable depth of sensor immersion
- ▶ Aseptic measuring point
- ▶ freely programmable sensor-head Transducer optional
- ▶ Wetting parts made of high-grade steel no. 1.4404
- ▶ FDA, EHEDG-conformal

### Technical features

- ▶ 1 or 2xPt100, cl. A 1/3DIN or 1/10 DIN
- ▶ sensor lengths from 50 mm to 2500 mm
- ▶ Standard functional range -50°C to 200°C
- ▶ High-grade steel connecting head with bolting or M12-plug
- ▶ Adaptable to various clamped boltings
- ▶ Protection class IP69K

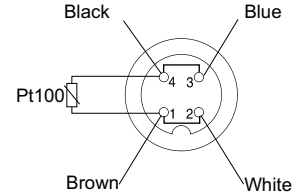
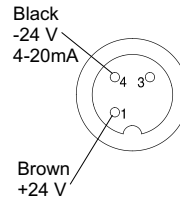


### Favoured fields of application are e.g.:

- ▶ Temperature measuring in process engineering
- ▶ Temperature measuring in the food industrie

With measuring transducer MUK

Without measuring transducer MUK



### order code

TF 33 [ ] - [ ] [ ] [ ] - [ ] [ ] [ ] - [ ]

High-Grade steel connection head							
With bolting	5						
With M12-plug	6						
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 max. 2500 mm)		K					
tapered probe tip							
without 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	
1xPT100 1/10 DIN					1	D	
2xPT100 class A					2	A	
2xPT100 1/3 DIN					2	C	
2xPT100 1/10 DIN					2	D	
Output signal							
Additional name for integrated sensor-head transducer							MUK
Specification of the temperature range							

The red marked items are preferred types!