

# Type TF 33

basic @ temp

Temperature sensor without thread with clamped bolting

### Basic features

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

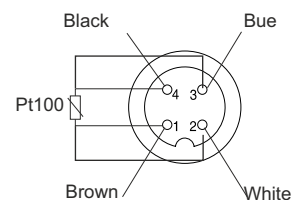
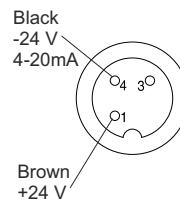
### Technical features

- ▶ 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
- ▶ Working pressure 10 bar max.
- ▶ standard protective tube Ø 6 mm



With measuring transducer MUK

Without measuring transducer MUK



### Examples clamp boltings



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

- ▶ Temperature measuring in process engineering

## Temperature sensor Type TF33

TF 33 -						
High-grade steel connecting 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				
Customized		K				
Taper ratio of the probe tip						
without tapered ratio		-				
Taper ratio Ø 3 mm		3	V			
Type of sensor and tolerance						
1xPT100 class A				1	A	
1xPT100 1/3 DIN				1	C	
2xPT100 class A				2	A	
2xPT100 1/3 DIN				2	C	
Output signal						
Additional name for integrated sensor-head transducer						MUK
Specification of the temperature range						