

## 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

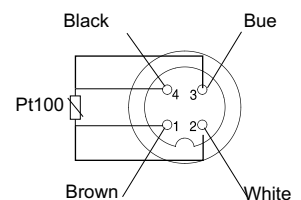
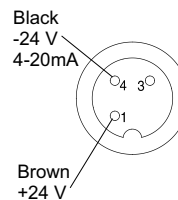
### Technical features

- ▶ 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
- ▶ 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

### 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
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					

The red marked items are preferred types!

Stand: 10/2016