

## 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

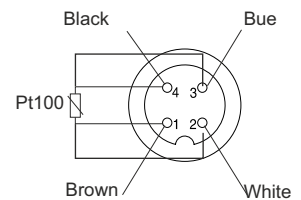
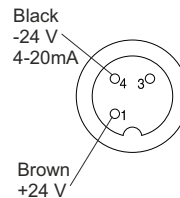
### Technical features

- ▶ 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



VAPE 25/6



VATE 1/46



VATE 1/29

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

- ▶ Temperature measuring in process engineering

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						
300 mm		F						
400 mm		G						
Customized, Length < 400 mm		K						
The next larger standard length + special type flat rate applies customer request, length > 400mm, basic price 400mm + 10,00 Euro per started 100 mm + special type flat rate								
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								MUK
Additional name for integrated sensor-head transducer								
Specification of the temperature range								
Special Type	Special type flat rate applies once per variant and order, regardless of quantity							
The red marked items are preferred types!								