



Type TF 36

basic @ temp

Temperature sensor aseptic applications with welding sleeve system and modular process connections

Basic features

- ▶ Small welding sleeve system M12
- ▶ Aseptic measuring point
- ▶ Measuring transducer optional
- ▶ Wetting parts made of high-grade steel
Material no. 1.4404
- ▶ FDA, EHEDG-conformal

Technical features

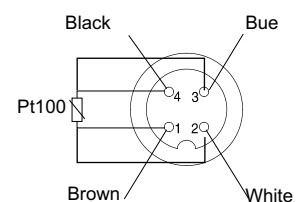
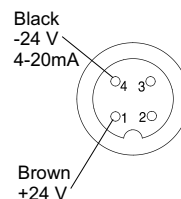
- ▶ 1 oder 2xPt100, class A 1/3 DIN
- ▶ Temperature range up to 200°C
- ▶ High-grade steel connecting head with bolting or M12-plug
- ▶ Thread G1/2" elastomer-free sealing system
- ▶ Protection class IP69K
- ▶ Torque: 10 - 20 Nm
- ▶ Working pressure 10 bar max.
(Higher pressures on demand)
- ▶ standard protective tube Ø 6 mm



Favoured fields of application are e.g.:

- ▶ Temperature measuring in the food industrie
- ▶ Temperature measuring in the pharmaceutical industry

With measuring transducer MUK Without measuring transducer MUK



Order-Code

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High-grade steel connecting head						
With bolting	5					
With M12-Plug	6					
Fitting length						
17 mm		X				
20 mm		Y				
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 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 head-transducer output 4...20 mA						MUK

Specification of the temperature range

The red marked items are preferred types!