

Type TF 48

basic @ temp

Temperature for aseptic applications

Basic features

- ▶ Aseptic measuring point
- ▶ sealed up to the process
- ▶ Free programmable measuring transducer (4...20 mA) optional
- ▶ Sensor made of high-grade steel
Material no. 1.4301
- ▶ Also for pipes with a small Ø from DN 10
- ▶ FDA, EHEDG-conformal

Technical features

- ▶ 1 x Pt100, class A
- ▶ Process connection: immersion sleeve with 3/8" cap nut
- ▶ Standard temperature range -50 ... +200°C
- ▶ High grade steel connecting head with fixed cable or M12-plug
- ▶ Torque: IP 69 K

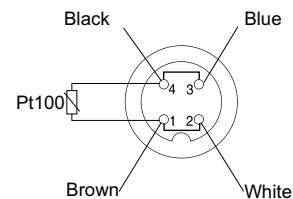
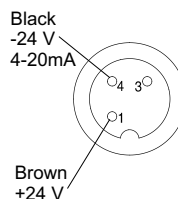
Favoured fields of application are e.g.:

- ▶ Temperature measuring in the pharmaceutical industry



e. G. TF48-11-A-1A

With measuring transducer MUK Without measuring transmitter MUK



TF 48 -			-		-			-	
High grade steel connecting head									
With M12 plug	1	1							
With fixed cable (X=Length in metres) (standard 2mtr.) for each additional mtr.	1	X							
Fitting length									
37 mm				A					
59 mm				B					
83 mm				C					
160 mm				D					
Type of sensor and tolerance									
1xPT100 class A					1	A			
1xPT100 1/3 DIN					1	C			
1xPT100 1/10 DIN					1	D			
Output signal									
Additional name for transducer Output 4-20 mA									MU
Specification of the temperature range									

The red marked items are preferred types!