

Type TF 46

basic @ temp

Temperature sensor for aseptic applications with welding sleeve system M12

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

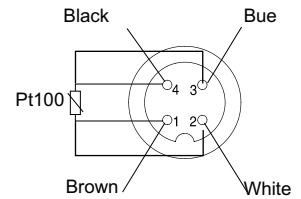
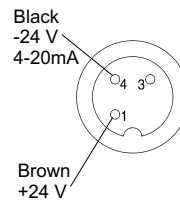
- ▶ 1 or 2xPt100, class A 1/3 DIN
- ▶ Functional range up to 200°C
- ▶ Connection by fixed cable or M12-plug
- ▶ Thread M12 elastomer-free sealing system
- ▶ Protection class IP69K
- ▶ Torque 10 - 20 Nm
- ▶ operating pressure 10 bar max.
(Higher pressures on request)
- ▶ standard protective tube Ø 6 mm

Favoured fields of application are e.g.:

- ▶ Temperature measuring in the food- and pharmaceutical industry in areas of constricted space
- ▶ Temperature measuring in pipes with a small diameter
- ▶ Cost-saving measuring



With measuring transducer MUK Without measuring transmitter MUK



Order-Code

TF 46 - [] - [] - [] - []

High-grade steel connecting head									
With M12-Plug	1	1							
With fixed cable (X = Length in metres, at least 2 m)	1	X							
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									MU
Additional name for measuring transducer output 4...20 mA									
Specification of the temperature range									

The red marked items are preferred types!