Type TF 46

basic @ temp

Temperature sensor for aseptic applications with welding sleeve system M12

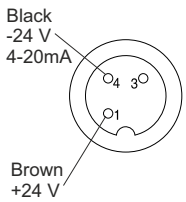
Basic features

- 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

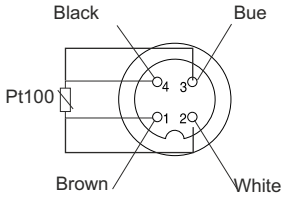
Technical features

- 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 16 bar max.
  (Higher pressures on request)
- standard protective tube Ø 6 mm

With measuring transducer MUK



Without measuring transmitter MUK



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

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

High grade steel connecting head									
With M12 plug	1	1							
Fitting length									
17 mm			X						
20 mm			Y						
50 mm			A						
100 mm			B						
Customized			K						
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									
Additional name for transducer Output 4-20 mA								MU2	
Specification of the temperature range									