

Type TF 42

basic @ temp

Temperature sensor with G1/2" thread

Basic features

- ▶ standard-process-adaption with 1/2" welding sleeve
- ▶ freely programmable sensor-head transducer optional
- ▶ wetting parts made of high-grade steel no. 1.4404

Technical features

- ▶ 1 or 2xPt100, cl. A 1/3DIN
- ▶ sensor lengths from 50 mm to 2500 mm
- ▶ standard-funcntional range -50°C to 200°C
- ▶ diameter of protective tube 6 mm
- ▶ electrical connection with M12-plug or firm cable
- ▶ Working pressure 16 bar max.
- ▶ protection class IP69K

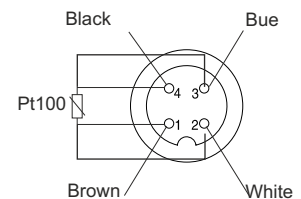
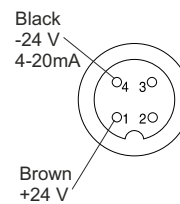
Favoured fields of application are e.g.:

- ▶ standard process application in rough enviroment
- ▶ simple temperature measuring in container and piping in industries
- ▶ cheap measuring



With measuring transducer MU

Without measuring transducer MU



TF 42 -

High-grade steel connecting head						
With M12 plug	1	1				
Fitting length						
50 mm			A			
100 mm			B			
150 mm			C			
200 mm			D			
Customized			K			
Taper ratio of the probe tip						
witout 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						

The red marked items are preferred types!