Type TF 55

basic @ temp

Temperature sensor with G1/2" hygienic thread and LED-display

Basic Features

- ▶ Modular prozess adaption 1/2" hygienic
- ▶ Aseptic measuring point
- ▶ With bright 4-digit LED-Display for optimal readability
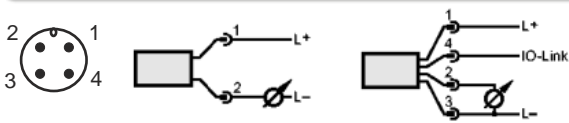- ▶ Wetting parts made of high-grade steel no. 1.4404
- ▶ FDA, EHEDG-conformal

Technical Features

- ▶ Analogous output 4...20 mA
- ▶ Measuring element 1 xPt1000, Kl. A acc. DIN EN 60751
- ▶ Sensor lengths from 30 mm up to 150 mm
- ▶ Measuring range -50...150 °C
- ▶ Factory setting: 0...100°C
- ▶ High-grade steel connecting with M12-plug
- ▶ Adapter to various process connections
- ▶ Schutzart IP69K
- ▶ Protective tube Ø 6 mm

Favoured fields of application are e.g.:

- ▶ Temperature measuring in process engineering
- ▶ Temperature measuring in the food industriy

Pin Configuration

1 (BN) +VDC
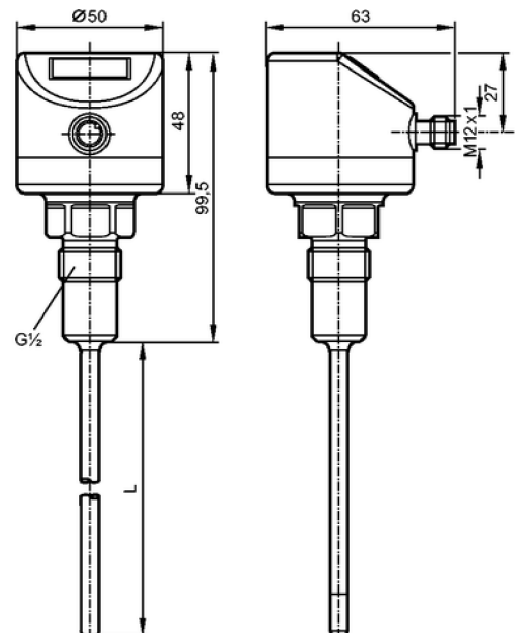2 (WH) Analogue signal for temperature
3 (BU) GND
4 (BK) IO-Link

The transmitter wil be delivered with a preset measuring range, an inconvenient configuration is not required. For special applications the temperature range may be scaled.

Ordercode TF 55

		TF 55	-	-			-	
High Grade Steel Head								
With M12-plug		6						
Installation length								
30 mm				X				
50 mm				A				
100 mm				B				
150 mm				C				
Sensortype and tolerance								
1xPT1000 class A					3	A		
Output signal								
Additional name for transducer Output 4-20 mA Specification of the temperature range								MU

Dimensioned Drawing

Example of modular process connections

AP 15   CP 15   HP 15

See data sheet process connections
modular @ process

Stand: 09/2018