

**Type TF 53****basic @ temp**

Temperature sensor without thread, pluggable with LED display and clamped bolting

Basic Features

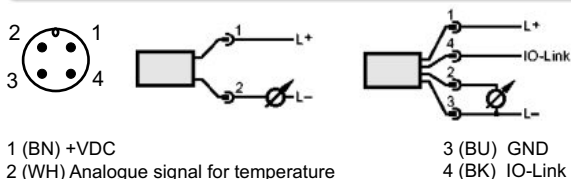
- ▶ Variable depth of sensor immersion
- ▶ Aseptic measuring point
- ▶ With bright 4-digit LED-Display for optimal readability
- ▶ Wetting parts made of high-grade steel no. 1.4404
- ▶ FDA, EHEDG-conformal

Technical Features

- ▶ Analogous output 4...20 mA
- ▶ Measuring element 1 x Pt1000, Kl. A acc. DIN EN 60751
- ▶ Sensor lengths from 50 mm up to 250 mm
- ▶ Measuring range -50...150 °C
- ▶ Factory setting: 0...100 °C
- ▶ High-grade steel connecting with M12-plug
- ▶ Adaptable to various clamped boltings
- ▶ Schutzart IP69K
- ▶ Protective tube Ø 6 mm

Favoured fields of application are e.g.:

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

Pin Configuration

1 (BN) +VDC

2 (WH) Analogue signal for temperature

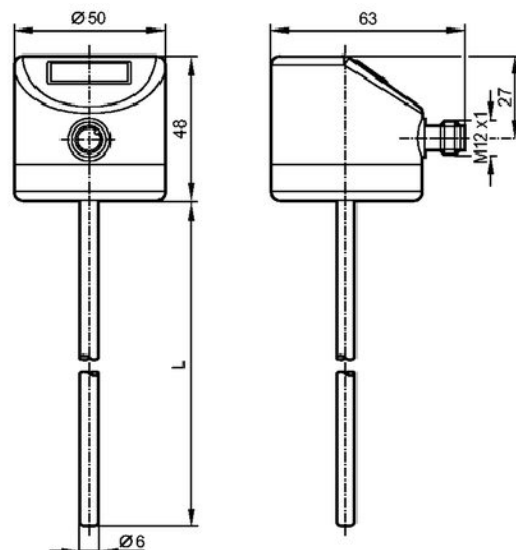
3 (BU) GND

4 (BK) IO-Link

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

Bestellcode TF 53

TF 53		-	-	-	-
High Grade Steel Head					
With M12-plug		6			
Installation length					
30 mm			A		
50 mm			B		
100 mm			C		
150 mm			E		
Sensortype and tolerance					
1xPT1000 class A			3	A	
Output signal					
Additional name for transducer Output 4-20 mA					MU
Specification of the temperature range					

**Dimensioned Drawing****Example of clamp connections**

VAPE 25/6



VATE 1/46



VATE 1/26

See data sheet process connections
modular @ process