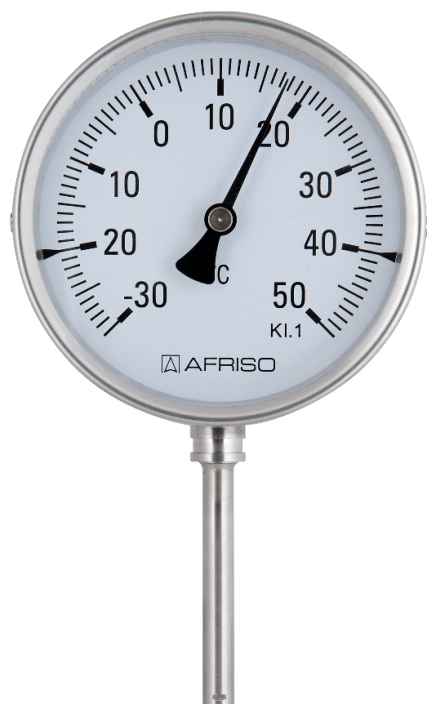




## Bimetal stainless steel thermometers

### benefits

- suitable for use in mechanical engineering, plant engineering, process engineering or food industry
- ideal for hygienic processes
- accuracy class 1 as per EN 13190
- for temperatures of the medium of up to 160 °C
- with adapter ring for thermowell Ø 18 mm

## Application

For corrosive media. Suitable for a great range of industrial applications.

## Technical Specifications

**Type**  
D3

**Nominal size**  
63

**measuring element**  
Bimetal helix

**accuracy class**  
1 (EN 13190)

**ranges °C**  
0/120

**Application area (EN 13190)**  
continuous load: Measuring range  
short-term: Range

**Operating pressure at thermowell**  
(not included in scope of delivery)  
max. 25 bar

**Degree of protection**  
IP 43 (EN 60529)

**Connection**  
Stem: Stainless steel 316 Ti/L, Ø 8 mm  
Stem: plain

**mounting position**  
bottom

**Dial**  
Aluminium, white  
Scaling: black

**Pointer**  
Aluminium, black

**Housing**

Stainless steel 304

**window**

Instrument glass

**push on bezel**

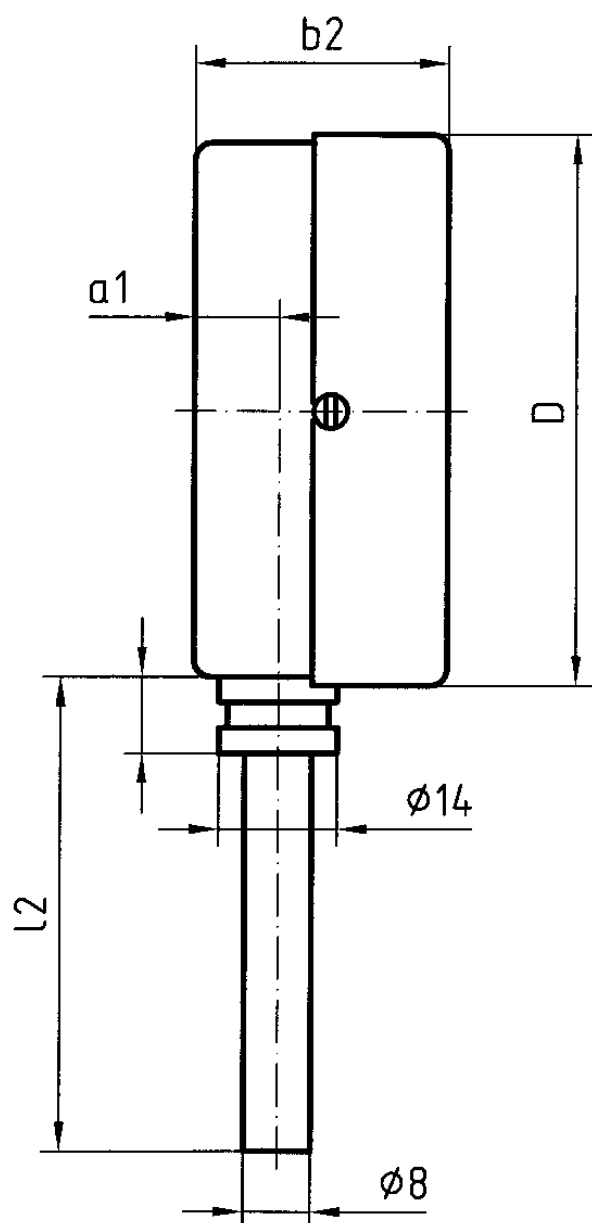
Stainless steel 304

**Options**

- Thermowell G $\frac{1}{2}$ B, stainless steel 316 Ti/316 L
- other connection designs
- other ranges
- other stem lengths

## Technical Drawings

bottom connection, plain



Dimensions (mm)

| NG  | D   | a1 | b2 | l2  |
|-----|-----|----|----|-----|
| 63  | 63  | 10 | 34 | 67  |
| 63  | 63  | 10 | 34 | 67  |
| 63  | 63  | 10 | 34 | 67  |
| 100 | 100 | 10 | 36 | 104 |
| 100 | 100 | 10 | 36 | 104 |
| 100 | 100 | 10 | 36 | 104 |
| 100 | 100 | 10 | 36 | 104 |

Versions

| Type         | housing<br>ø | moun-<br>ting po-<br>sition | Connec-<br>tion | Range    | For ther-<br>mowell<br>with<br>length<br>L1 | Stem<br>length<br>L1 | Type         | Type |                                                                                     | Part no. |
|--------------|--------------|-----------------------------|-----------------|----------|---------------------------------------------|----------------------|--------------|------|-------------------------------------------------------------------------------------|----------|
| BiTh 63<br>E | 63 mm        | bottom                      | plain           | 0/120 °C | 63 mm                                       |                      | BiTh 63<br>E | D302 |  | 66147302 |
| BiTh 63<br>E | 63 mm        | bottom                      | plain           | 0/120 °C | 100 mm                                      |                      | BiTh 63<br>E | D302 |  | 66148302 |
| BiTh 63<br>E | 63 mm        | bottom                      | plain           | 0/120 °C | 150 mm                                      |                      | BiTh 63<br>E | D302 |  | 66149302 |
| BiTh 63<br>E | 63 mm        | bottom                      | plain           | 0/120 °C | 200 mm                                      |                      | BiTh 63<br>E | D302 |  | 66150302 |

-  in-stock items
-  Non-stock items