



## 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

0/60

### 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 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**

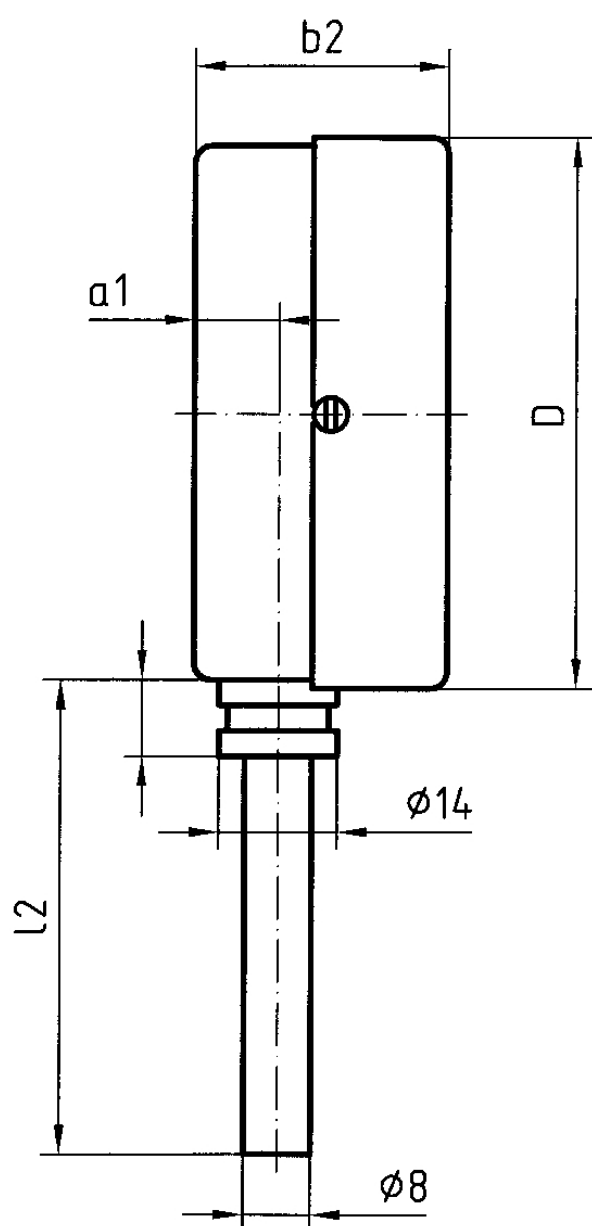
Stainless steel 304

**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           | 0/60 °C | 63 mm                                       |                      | BiTh 63<br>E | D302 |  | 66132302 |
| BiTh 63<br>E | 63 mm        | bottom                      | plain           | 0/60 °C | 100 mm                                      |                      | BiTh 63<br>E | D302 |  | 66133302 |
| BiTh 63<br>E | 63 mm        | bottom                      | plain           | 0/60 °C | 150 mm                                      |                      | BiTh 63<br>E | D302 |  | 66134302 |
| BiTh 63<br>E | 63 mm        | bottom                      | plain           | 0/60 °C | 200 mm                                      |                      | BiTh 63<br>E | D302 |  | 66135302 |

-  in-stock items
-  Non-stock items