


# bimetal stainless steel thermometer BiTh 100 E

**Part no. 66307312**

**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**
100

**measuring element**
Bimetal helix

**accuracy class**
1 (EN 13190)

**ranges °C**
-20/+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)

### standard version

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

**mounting position**
centre back

**Dial**
Aluminium, white
Scaling: black

**Pointer**
Aluminium, black

**Housing**
Stainless steel 304

**push on bezel**
Stainless steel 304

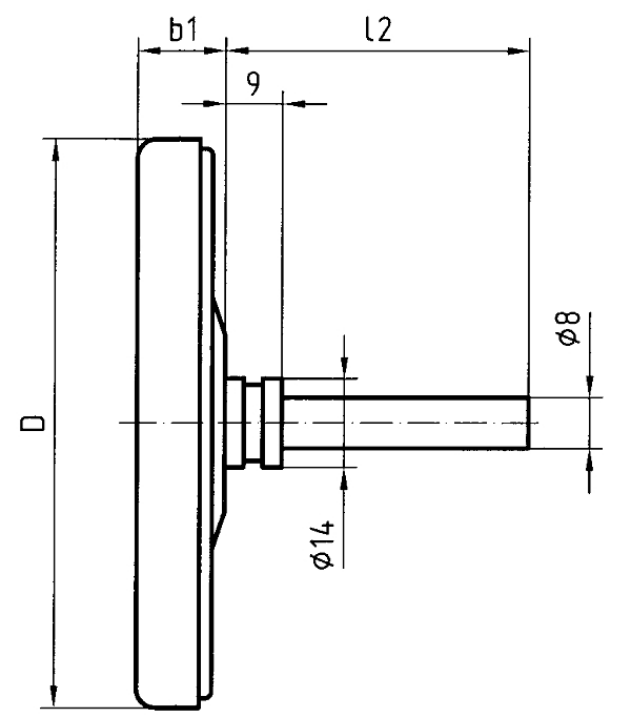
**window**
Instrument glass

## Options

- Thermowell G½B, stainless steel 316 Ti/316 L
- other connection designs
- other ranges
- other stem lengths

## Technical Drawings

**centre back connection, plain**




**Dimensions (mm)**

| NG | b1 | D | l2 |
|---|---|---|---|
| 63 | 15 | 63 | 67 |
| 63 | 15 | 63 | 104 |
| 63 | 15 | 63 | 154 |
| 63 | 15 | 63 | 204 |
| 80 | 15 | 80 | 67 |
| 80 | 15 | 80 | 104 |
| 80 | 15 | 80 | 154 |
| 80 | 15 | 80 | 204 |
| 100 | 17 | 100 | 67 |
| 100 | 17 | 100 | 104 |
| 100 | 17 | 100 | 154 |
| 100 | 17 | 100 | 204 |

## Versions

| | Type | housing ⌀ | mounting position | Connection | Range | For thermowell with length L1 | Stem length L1 | Type | Type | | Part no. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | BiTh 100 E | 100 mm | centre back | plain | -20/+60 °C | 63 mm | | BiTh 100 E | D312 | ● | 66307312 |

● in-stock items

○ Non-stock items