



## bimetal stainless steel thermometer BiTh 100 E

**Part no. 66352302**

**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

0/160

#### 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, Ø 8 mm

Stem: plain

#### mounting position

bottom

**Dial**

Aluminium, white  
Scaling: black

**Pointer**

Aluminium, black

**Housing**

Stainless steel 304

**push on bezel**

Stainless steel 304

**window**

Instrument glass

**Options**

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

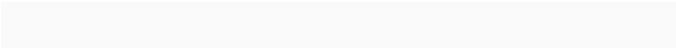
## Technical Drawings

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<br>100 E | 100 mm       | bottom                      | plain           | 0/160 °C | 63 mm                                       |                      | BiTh<br>100 E | D302 | <div></div> 66352302 |

- in-stock items
- Non-stock items