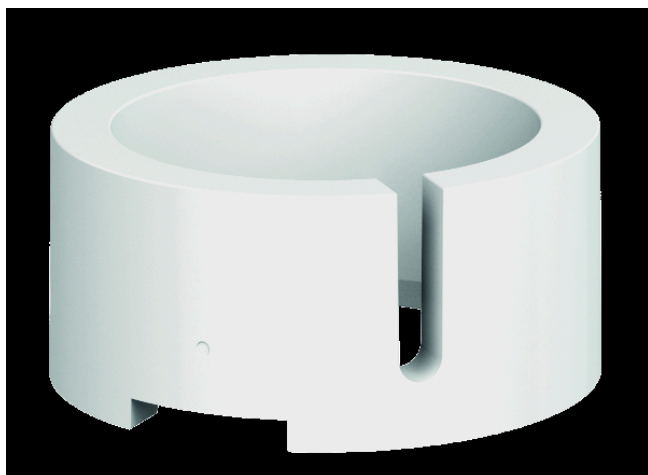




## bimetal stainless steel thermometer BiTh 100 E

Part no. 66334312AFG4D8

bimetal stainless steel thermometer BiTh E

### 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

0/60

#### 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: fixed male connection, fixed G½B

#### 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

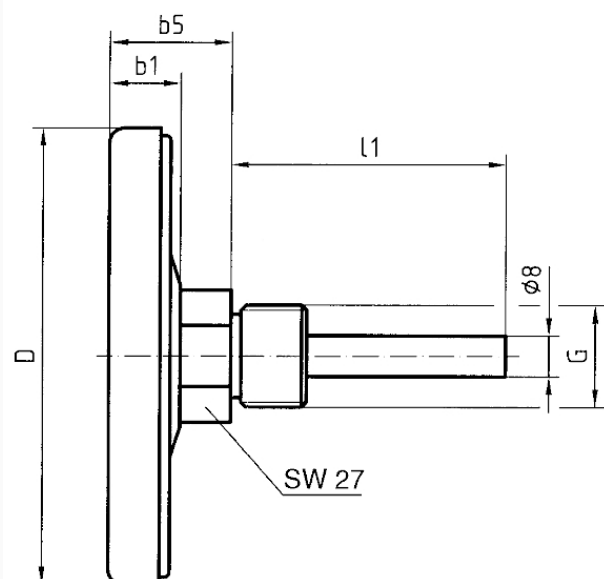
### Options

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

- other stem lengths

## Technical Drawings

centre back connection, fixed male connection



Dimensions (mm)

| NG  | D   | b1 | b5 | l1  | G                 |
|-----|-----|----|----|-----|-------------------|
| 63  | 63  | 15 | 27 | 63  | G $\frac{1}{2}$ B |
| 63  | 63  | 15 | 27 | 80  | G $\frac{1}{2}$ B |
| 63  | 63  | 15 | 27 | 100 | G $\frac{1}{2}$ B |
| 80  | 80  | 15 | 28 | 63  | G $\frac{1}{2}$ B |
| 80  | 80  | 15 | 28 | 80  | G $\frac{1}{2}$ B |
| 80  | 80  | 15 | 28 | 100 | G $\frac{1}{2}$ B |
| 100 | 100 | 17 | 29 | 63  | G $\frac{1}{2}$ B |
| 100 | 100 | 17 | 29 | 80  | G $\frac{1}{2}$ B |
| 100 | 100 | 17 | 29 | 100 | G $\frac{1}{2}$ B |

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       | centre<br>back              | fixed<br>male<br>connec-<br>tion,<br>fixed<br>G1½B | 0/60 °C |                                             | 150 mm               | BiTh<br>100 E | D312 | <div></div> 66334312AF-<br>G4D8 |

- in-stock items
- Non-stock items