



bimetal stainless steel thermometer BiTh 80 E

Part no. 66253312

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

80

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)

Connection

Stem: Stainless steel 316 L, Ø 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

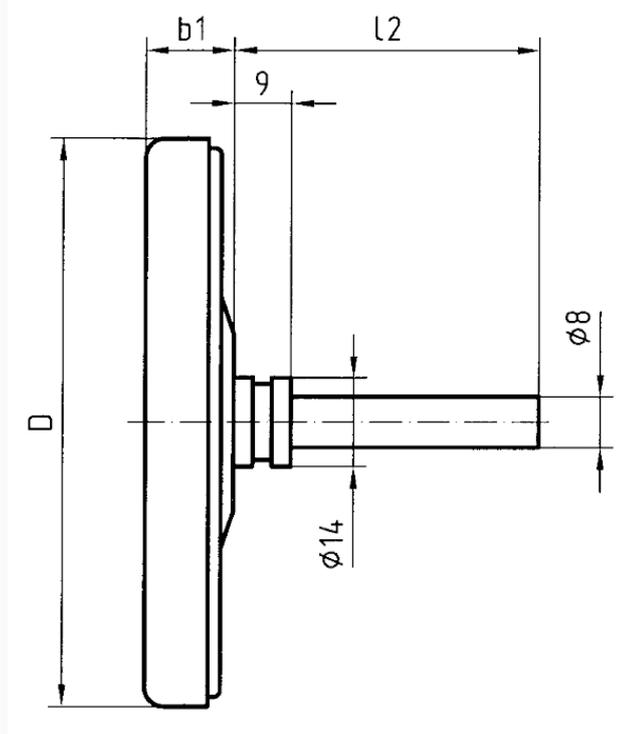
Options

- Thermowell G $\frac{1}{2}$ B, 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 ø | moun- ting po- sition | Connec- tion | Range | For ther- mowell with length L1 | Stem length L1 | Type | Type | Part no. |
|--------------|--------------|-----------------------------|-----------------|----------|---|----------------------|--------------|------|------------|
| BiTh 80 E | 80 mm | centre back | plain | 0/160 °C | 100 mm | | BiTh 80 E | D312 | ● 66253312 |

● in-stock items

● Non-stock items