



## Bimetal thermometer with brass thermowell

### benefits

- ranges: -20/+60, 0/60, 0/120, 0/160 °C
- thermowell brass with optional self-sealing thread with PTFE sealing ring
- stem brass or aluminium

## Application

Heating, plumbing

## Technical Specifications

### Nominal size

100

### measuring element

Bimetal helix

### accuracy class

2 (EN 13190)

### ranges °C

0/120

### application area

Full scale value

### Operating pressure at thermowell

max. 6 bar

## Options

- nominal size 63 (bottom back)

### Connection

Stem: brass or aluminium, Ø 9 mm

Thermowell: G1/2B, Brass, Ø 12 mm, removable

### mounting position

centre back

### Dial

Plastic, white

Scaling: black

### Pointer

Plastic, black

### Housing

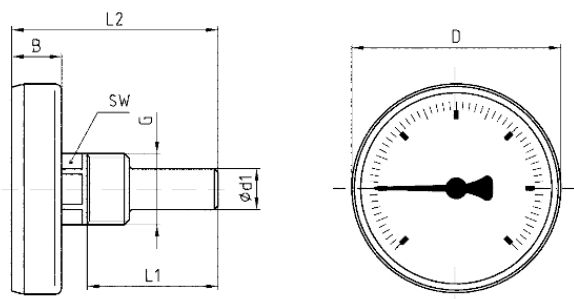
ABS, black

### window

Plastic, clipped in

## Technical Drawings

### Centre back connection, NG 63 – 80 – 100



#### Dimensions (mm)

| NG  | B    | D   | d1 | G   | L1  | L2  | SW |
|-----|------|-----|----|-----|-----|-----|----|
| 63  | 14,7 | 62  | 12 | G½B | 40  | 61  | 19 |
| 63  | 14,7 | 62  | 12 | G½B | 63  | 85  | 19 |
| 63  | 14,7 | 62  | 12 | G½B | 100 | 122 | 19 |
| 63  | 14,7 | 62  | 12 | G½B | 150 | 172 | 19 |
| 80  | 14,8 | 79  | 12 | G½B | 40  | 61  | 19 |
| 80  | 14,8 | 79  | 12 | G½B | 63  | 85  | 19 |
| 80  | 14,8 | 79  | 12 | G½B | 100 | 122 | 19 |
| 80  | 14,8 | 79  | 12 | G½B | 150 | 172 | 19 |
| 100 | 15   | 100 | 12 | G½B | 40  | 61  | 19 |
| 100 | 15   | 100 | 12 | G½B | 63  | 85  | 19 |
| 100 | 15   | 100 | 12 | G½B | 100 | 122 | 19 |
| 100 | 15   | 100 | 12 | G½B | 150 | 172 | 19 |
| 100 | 15   | 100 | 12 | G½B | 200 | 222 | 19 |

## Versions

| Type          | housing ø | Conne-<br>ction | mounting<br>position | Range    | Stem<br>length | Stem<br>length | Type          | Part no. |
|---------------|-----------|-----------------|----------------------|----------|----------------|----------------|---------------|----------|
| BiTh 100<br>K | 100 mm    | Thermo-<br>well | centre<br>back       | 0/120 °C | 40 mm          |                | BiTh 100<br>K | 63684    |
| BiTh 100<br>K | 100 mm    | Thermo-<br>well | centre<br>back       | 0/120 °C | 40 mm          |                | BiTh 100<br>K | 63997    |
| BiTh 100<br>K | 100 mm    | Thermo-<br>well | centre<br>back       | 0/120 °C | 63 mm          |                | BiTh 100<br>K | 63695    |
| BiTh 100<br>K | 100 mm    | Thermo-<br>well | centre<br>back       | 0/120 °C | 100 mm         |                | BiTh 100<br>K | 63696    |
| BiTh 100<br>K | 100 mm    | Thermo-<br>well | centre<br>back       | 0/120 °C | 150 mm         |                | BiTh 100<br>K | 63697    |
| BiTh 100<br>K | 100 mm    | Thermo-<br>well | centre<br>back       | 0/120 °C | 200 mm         |                | BiTh 100<br>K | 63671    |

● in-stock items

● Non-stock items