



## bimetal standard thermometer

### benefits

- ranges: -20/+60, 0/60, 0/120, 0/160 °C
- brass thermowell
- 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

### Connection

Stem: brass or aluminium, Ø 9 mm

Thermowell: G½B, brass or aluminium, Ø 9 mm

Thermowell: (removable (with locking screw for 160 °C and higher))

## Options

- other ranges

### mounting position

centre back

### Dial

Up to 120 °C: Plastic, white

≥ 160 °C: Aluminium, white

Scaling: black

### Pointer

Plastic, black

### Housing

Sheet steel, galvanised

### push on bezel

Sheet steel, nickel-plated

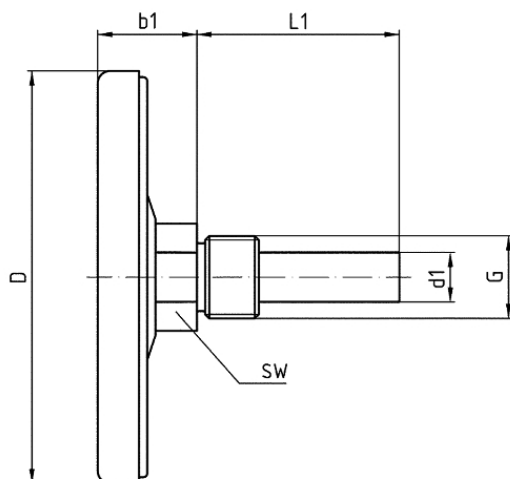
### window

Plastic

- Nominal size 34, 160

## Technical Drawings

### Centre back connection



### Dimensions (mm)

| NG  | b1   | D   | d1 | G                 | L1  | SW    |
|-----|------|-----|----|-------------------|-----|-------|
| 50  | 18   | 50  | 12 | G $\frac{1}{2}$ B | 40  | 19/22 |
| 50  | 18   | 50  | 12 | G $\frac{1}{2}$ B | 63  | 19/22 |
| 50  | 18   | 50  | 12 | G $\frac{1}{2}$ B | 100 | 19/22 |
| 50  | 18   | 50  | 12 | G $\frac{1}{2}$ B | 150 | 19/22 |
| 63  | 20   | 63  | 12 | G $\frac{1}{2}$ B | 40  | 19/22 |
| 63  | 20   | 63  | 12 | G $\frac{1}{2}$ B | 63  | 19/22 |
| 63  | 20   | 63  | 12 | G $\frac{1}{2}$ B | 100 | 19/22 |
| 63  | 20   | 63  | 12 | G $\frac{1}{2}$ B | 150 | 19/22 |
| 80  | 21   | 80  | 12 | G $\frac{1}{2}$ B | 40  | 19/22 |
| 80  | 21   | 80  | 12 | G $\frac{1}{2}$ B | 63  | 19/22 |
| 80  | 21   | 80  | 12 | G $\frac{1}{2}$ B | 100 | 19/22 |
| 80  | 21   | 80  | 12 | G $\frac{1}{2}$ B | 150 | 19/22 |
| 80  | 21   | 80  | 12 | G $\frac{1}{2}$ B | 200 | 19/22 |
| 100 | 23,7 | 100 | 12 | G $\frac{1}{2}$ B | 40  | 19/22 |
| 100 | 23,7 | 100 | 12 | G $\frac{1}{2}$ B | 63  | 19/22 |
| 100 | 23,7 | 100 | 12 | G $\frac{1}{2}$ B | 100 | 19/22 |
| 100 | 23,7 | 100 | 12 | G $\frac{1}{2}$ B | 150 | 19/22 |
| 100 | 23,7 | 100 | 12 | G $\frac{1}{2}$ B | 200 | 19/22 |
| 160 | 22   | 160 | 12 | G $\frac{1}{2}$ B | 40  | 19/22 |
| 160 | 22   | 160 | 12 | G $\frac{1}{2}$ B | 63  | 19/22 |
| 160 | 22   | 160 | 12 | G $\frac{1}{2}$ B | 100 | 19/22 |
| 160 | 22   | 160 | 12 | G $\frac{1}{2}$ B | 150 | 19/22 |

## Versions

| housing ø | mounting position | Range    | Stem length | Type        |   | Part no. |
|-----------|-------------------|----------|-------------|-------------|---|----------|
| 100 mm    | centre back       | 0/120 °C | 40 mm       | BiTh 100 ST | ● | 63811    |
| 100 mm    | centre back       | 0/120 °C | 63 mm       | BiTh 100 ST | ● | 63812    |
| 100 mm    | centre back       | 0/120 °C | 100 mm      | BiTh 100 ST | ● | 63813    |
| 100 mm    | centre back       | 0/120 °C | 150 mm      | BiTh 100 ST | ● | 63814    |
| 100 mm    | centre back       | 0/120 °C | 200 mm      | BiTh 100 ST | ● | 63815    |

● in-stock items

● Non-stock items