



## bimetal standard thermometer BiTh 50 ST

**Part no. 64028B**

**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

50

#### measuring element

Bimetal helix

#### accuracy class

2 (EN 13190)

#### ranges °C

0/60

#### 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

### 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. |
|-----------|-------------------|---------|-------------|------------|-------------------------------------------------------------------------------------|----------|
| 50 mm     | centre back       | 0/60 °C | 63 mm       | BiTh 50 ST |  | 64028B   |

-  in-stock items
-  Non-stock items