



## bimetal standard thermometer BiTh 50 ST

Part no. 64033B

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

0/120

#### 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

### 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**

Type	housing $\varnothing$	mounting position	Range	Stem length	Type	Type	Part no.
BiTh 50 ST	50 mm	centre back	0/120 °C	100 mm	BiTh 50 ST	<input type="radio"/>	64033B

in-stock items

Non-stock items