



bimetal standard thermometer BiTh 80 ST

Part no. 63989

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

80

measuring element

Bimetal helix

accuracy class

2 (EN 13190)

ranges °C

0/160

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

| Type | housing \varnothing | mounting position | Range | Stem length | Type | Type | Part no. |
|------------|-----------------------|-------------------|----------|-------------|------------|-----------------------|----------|
| BiTh 80 ST | 80 mm | centre back | 0/160 °C | 100 mm | BiTh 80 ST | <input type="radio"/> | 63989 |

in-stock items

Non-stock items