



bimetal standard thermometer BiTh 80 ST

Part no. 63809

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

0/120

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

Type	housing ø	mounting position	Range	Stem length	Type	Type	Part no.
BiTh 80 ST	80 mm	centre back	0/120 °C	150 mm	BiTh 80 ST		63809

-  in-stock items
-  Non-stock items