



## bimetal standard thermometer BiTh 80 ST

**Part no. 63958**

**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**

-20/+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

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	-20/+60 °C	150 mm	BiTh 80 ST	●	63958

● in-stock items

● Non-stock items