



## bimetal standard thermometer BiTh 80 ST

**Part no. 64056**

**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)

### standard version

#### Connection

Stem: brass or aluminium, Ø 9 mm

Thermowell: G½B, brass or aluminium, Ø 9 mm

#### mounting position

bottom

#### ranges °C

-20/+60

#### application area

Full scale value

#### Operating pressure at thermowell

max. 6 bar

#### 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

## Options

- other ranges
- Nominal size 34, 160

## Technical Drawings

### Bottom connection



### Dimensions (mm)

| NG  | a  | b2   | D   | d1 | F    | G   | L1  | SW    |
|-----|----|------|-----|----|------|-----|-----|-------|
| 63  | 10 | 35   | 63  | 12 | 29,3 | G½B | 40  | 19/22 |
| 63  | 10 | 35   | 63  | 12 | 29,3 | G½B | 63  | 19/22 |
| 63  | 10 | 35   | 63  | 12 | 29,3 | G½B | 100 | 19/22 |
| 63  | 10 | 35   | 63  | 12 | 29,3 | G½B | 150 | 19/22 |
| 80  | 10 | 33   | 80  | 12 | 47,3 | G½B | 40  | 19/22 |
| 80  | 10 | 33   | 80  | 12 | 47,3 | G½B | 63  | 19/22 |
| 80  | 10 | 33   | 80  | 12 | 47,3 | G½B | 100 | 19/22 |
| 80  | 10 | 33   | 80  | 12 | 47,3 | G½B | 150 | 19/22 |
| 100 | 10 | 40,5 | 100 | 12 | 59,3 | G½B | 40  | 19/22 |
| 100 | 10 | 40,5 | 100 | 12 | 59,3 | G½B | 63  | 19/22 |
| 100 | 10 | 40,5 | 100 | 12 | 59,3 | G½B | 100 | 19/22 |
| 100 | 10 | 40,5 | 100 | 12 | 59,3 | G½B | 150 | 19/22 |

Versions

| housing ø | mounting position | Range      | Stem length | Type       |                                                                                     | Part no. |
|-----------|-------------------|------------|-------------|------------|-------------------------------------------------------------------------------------|----------|
| 80 mm     | bottom            | -20/+60 °C | 63 mm       | BiTh 80 ST |  | 64056    |

-  in-stock items
-  Non-stock items