

## Bimetal thermometers BiTh K with brass thermowell



### Benefits

- Ranges: -20/+60, 0/60, 0/120, 0/160 °C
- Thermowell brass with optional self-sealing thread with PTFE sealing ring
- Stem brass or aluminium

### Application

Heating, plumbing

### Technical specifications

#### Nominal size

63 – 80 – 100

#### Measuring element

Bimetal helix

#### Accuracy class

2 (EN 13190)

### Standard version

#### Connection

Stem: Brass or aluminium, Ø 9 mm  
Thermowell: G½B, Brass, Ø 12 mm, removable  
Thermowell: Stem length 40 mm with optional self-sealing thread with PTFE sealing ring

#### Mounting position

Centre back

#### Dial

Plastic, white  
Scaling black

### Options

- Nominal size 63 (bottom back)

#### Ranges °C

-20/+60, 0/60, 0/120

#### Application area

Full scale value

#### Operating pressure at thermowell

Max. 6 bar

#### Pointer

Plastic, black

#### Housing

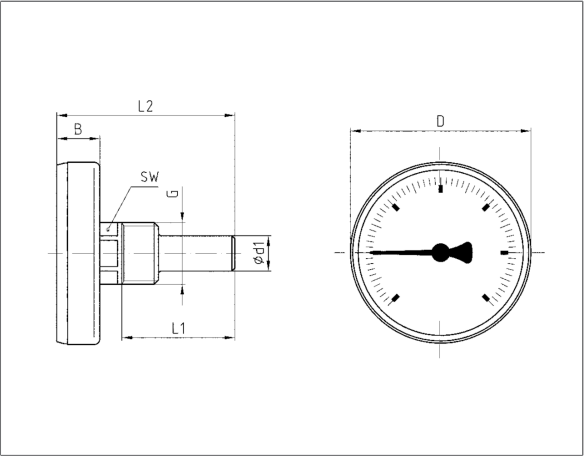
ABS, black

#### Window

Plastic, clipped in

Technical drawings

Centre back connection, NG 63 – 80 – 100

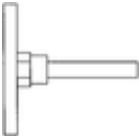


Dimensions (mm)

| NG  | B    | D   | d1 | G   | L1  | L2  | SW |
|-----|------|-----|----|-----|-----|-----|----|
| 63  | 14,7 | 62  | 12 | G½B | 40  | 61  | 19 |
| 63  | 14,7 | 62  | 12 | G½B | 63  | 85  | 19 |
| 63  | 14,7 | 62  | 12 | G½B | 100 | 122 | 19 |
| 63  | 14,7 | 62  | 12 | G½B | 150 | 172 | 19 |
| 80  | 14,8 | 79  | 12 | G½B | 40  | 61  | 19 |
| 80  | 14,8 | 79  | 12 | G½B | 63  | 85  | 19 |
| 80  | 14,8 | 79  | 12 | G½B | 100 | 122 | 19 |
| 80  | 14,8 | 79  | 12 | G½B | 150 | 172 | 19 |
| 100 | 15   | 100 | 12 | G½B | 40  | 61  | 19 |
| 100 | 15   | 100 | 12 | G½B | 63  | 85  | 19 |
| 100 | 15   | 100 | 12 | G½B | 100 | 122 | 19 |
| 100 | 15   | 100 | 12 | G½B | 150 | 172 | 19 |
| 100 | 15   | 100 | 12 | G½B | 200 | 222 | 19 |

Versions

BiTh 63 K

|                                                                                     | Housing ø | Connection | Mounting position | Range      | Stem length | Type      | Part no. |
|-------------------------------------------------------------------------------------|-----------|------------|-------------------|------------|-------------|-----------|----------|
|  | 63 mm     | Thermowell | Centre back       | -20/+60 °C | 40 mm       | BiTh 63 K | 63763    |
|                                                                                     | 63 mm     | Thermowell | Centre back       | -20/+60 °C | 63 mm       | BiTh 63 K | 63769    |
|                                                                                     | 63 mm     | Thermowell | Centre back       | -20/+60 °C | 100 mm      | BiTh 63 K | 63770    |
|                                                                                     | 63 mm     | Thermowell | Centre back       | -20/+60 °C | 150 mm      | BiTh 63 K | 63771    |
|                                                                                     | 63 mm     | Thermowell | Centre back       | 0/60 °C    | 40 mm       | BiTh 63 K | 63760    |
|                                                                                     | 63 mm     | Thermowell | Centre back       | 0/60 °C    | 63 mm       | BiTh 63 K | 63761    |

Blue part no. = in-stock items



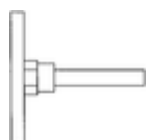
| Housing <sup>ø</sup> | Connection | Mounting position | Range    | Stem length | Type      | Part no.              |
|----------------------|------------|-------------------|----------|-------------|-----------|-----------------------|
| 63 mm                | Thermowell | Centre back       | 0/60 °C  | 100 mm      | BiTh 63 K | 63762                 |
| 63 mm                | Thermowell | Centre back       | 0/60 °C  | 150 mm      | BiTh 63 K | 63764                 |
| 63 mm                | Thermowell | Centre back       | 0/120 °C | 40 mm       | BiTh 63 K | <a href="#">63704</a> |
| 63 mm                | Thermowell | Centre back       | 0/120 °C | 40 mm       | BiTh 63 K | <a href="#">63702</a> |
| 63 mm                | Thermowell | Centre back       | 0/120 °C | 63 mm       | BiTh 63 K | <a href="#">63710</a> |
| 63 mm                | Thermowell | Centre back       | 0/120 °C | 100 mm      | BiTh 63 K | <a href="#">63711</a> |
| 63 mm                | Thermowell | Centre back       | 0/120 °C | 150 mm      | BiTh 63 K | <a href="#">63714</a> |

Blue part no. = in-stock items

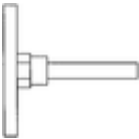
#### BiTh 80 K

| Housing <sup>ø</sup> | Connection | Mounting position | Range      | Stem length | Type      | Part no.              |
|----------------------|------------|-------------------|------------|-------------|-----------|-----------------------|
| 80 mm                | Thermowell | Centre back       | -20/+60 °C | 40 mm       | BiTh 80 K | <a href="#">63776</a> |
| 80 mm                | Thermowell | Centre back       | -20/+60 °C | 63 mm       | BiTh 80 K | <a href="#">63777</a> |
| 80 mm                | Thermowell | Centre back       | -20/+60 °C | 100 mm      | BiTh 80 K | 63778                 |
| 80 mm                | Thermowell | Centre back       | -20/+60 °C | 150 mm      | BiTh 80 K | 63779                 |
| 80 mm                | Thermowell | Centre back       | 0/60 °C    | 40 mm       | BiTh 80 K | <a href="#">63765</a> |
| 80 mm                | Thermowell | Centre back       | 0/60 °C    | 63 mm       | BiTh 80 K | 63766                 |
| 80 mm                | Thermowell | Centre back       | 0/60 °C    | 100 mm      | BiTh 80 K | 63767                 |
| 80 mm                | Thermowell | Centre back       | 0/60 °C    | 150 mm      | BiTh 80 K | 63768                 |
| 80 mm                | Thermowell | Centre back       | 0/120 °C   | 40 mm       | BiTh 80 K | <a href="#">63708</a> |
| 80 mm                | Thermowell | Centre back       | 0/120 °C   | 40 mm       | BiTh 80 K | <a href="#">63706</a> |
| 80 mm                | Thermowell | Centre back       | 0/120 °C   | 63 mm       | BiTh 80 K | <a href="#">63715</a> |
| 80 mm                | Thermowell | Centre back       | 0/120 °C   | 100 mm      | BiTh 80 K | <a href="#">63716</a> |
| 80 mm                | Thermowell | Centre back       | 0/120 °C   | 150 mm      | BiTh 80 K | <a href="#">63717</a> |

Blue part no. = in-stock items



BiTh 100 K

|                                                                                   | Housing <sup>ø</sup> | Connection | Mounting position | Range      | Stem length | Type       | Part no. |
|-----------------------------------------------------------------------------------|----------------------|------------|-------------------|------------|-------------|------------|----------|
|  | 100 mm               | Thermowell | Centre back       | -20/+60 °C | 40 mm       | BiTh 100 K | 63676    |
|                                                                                   | 100 mm               | Thermowell | Centre back       | -20/+60 °C | 63 mm       | BiTh 100 K | 63677    |
|                                                                                   | 100 mm               | Thermowell | Centre back       | -20/+60 °C | 100 mm      | BiTh 100 K | 63678    |
|                                                                                   | 100 mm               | Thermowell | Centre back       | -20/+60 °C | 150 mm      | BiTh 100 K | 63679    |
|                                                                                   | 100 mm               | Thermowell | Centre back       | 0/60 °C    | 40 mm       | BiTh 100 K | 63698    |
|                                                                                   | 100 mm               | Thermowell | Centre back       | 0/60 °C    | 63 mm       | BiTh 100 K | 63699    |
|                                                                                   | 100 mm               | Thermowell | Centre back       | 0/60 °C    | 100 mm      | BiTh 100 K | 63700    |
|                                                                                   | 100 mm               | Thermowell | Centre back       | 0/60 °C    | 150 mm      | BiTh 100 K | 63701    |
|                                                                                   | 100 mm               | Thermowell | Centre back       | 0/120 °C   | 40 mm       | BiTh 100 K | 63684    |
|                                                                                   | 100 mm               | Thermowell | Centre back       | 0/120 °C   | 40 mm       | BiTh 100 K | 63997    |
|                                                                                   | 100 mm               | Thermowell | Centre back       | 0/120 °C   | 63 mm       | BiTh 100 K | 63695    |
|                                                                                   | 100 mm               | Thermowell | Centre back       | 0/120 °C   | 100 mm      | BiTh 100 K | 63696    |
|                                                                                   | 100 mm               | Thermowell | Centre back       | 0/120 °C   | 150 mm      | BiTh 100 K | 63697    |
|                                                                                   | 100 mm               | Thermowell | Centre back       | 0/120 °C   | 200 mm      | BiTh 100 K | 63671    |

Blue part no. = in-stock items