

Bimetal thermometers for heating and plumbing applications

BiTh 40 K



Application

Heating, plumbing, distribution systems and underfloor heating manifolds

Nominal size

40

Measuring element

Bimetal spiral

Accuracy class

2 (EN 13190)

Ranges

0/60 °C

Working temperature

Full scale value

Operating pressure

No pressure

Standard version

Connection

Plastic, push-in, Ø 15 mm, no pocket

Mounting position

Centre back

Dial

Plastic, white – dial marking black

Pointer

Plastic, black

Housing

ABS, white

Front glass

Clip-in plastic

BiTh 50 K



Application

Heating, plumbing, distribution systems and underfloor heating manifolds

Nominal size

50

Measuring element

Bimetal helix

Accuracy class

2 (EN 13190)

Ranges

0/60 °C

Working temperature

Full scale value

Operating pressure at pocket

Max. 6 bar

Standard version

Connection

Stem plastic, Ø 9 mm, pocket G $\frac{1}{2}$ B, plastic, removable

Mounting position

Centre back

Dial

Plastic, white – dial marking black

Pointer

Plastic, black

Housing

ABS, white

Front glass

Clip-in plastic

BiTh 63 K



AFRISO Ratio-Product

Application

Heating, plumbing

Nominal size

63 – 80 – 100

Measuring element

Bimetal helix

Accuracy class

2 (EN 13190)

Ranges

-20/+60, 0/60, 0/120 °C

Working temperature

Full scale value

Operating pressure at pocket

Max. 6 bar

Standard version

Connection

Brass stem, Ø 9 mm, brass pocket G $\frac{1}{2}$ B, removable, stem length 40 mm optional self-sealing thread with PTFE sealing ring

Mounting position

Centre back
(NG 63 optionally bottom back)

Dial

Plastic, white – dial marking black

Pointer

Plastic, black

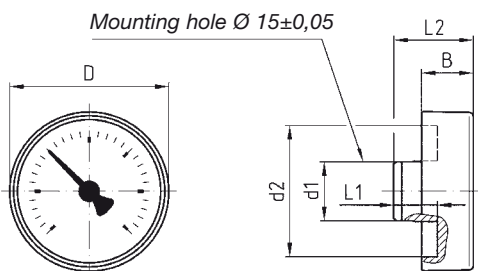
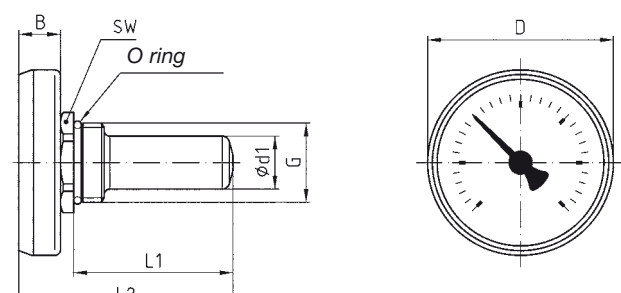
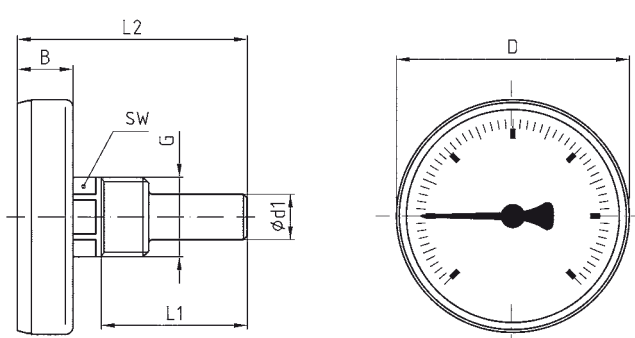
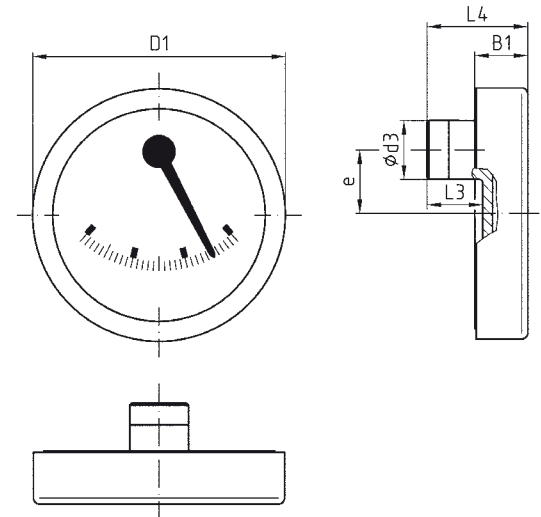
Housing

ABS, black

Front glass

Clip-in plastic

Bimetal thermometers for heating and plumbing applications *Housing types and dimensions*

<p>Centre back connection, NG 40</p> 	<p>Centre back connection, NG 50</p> 
<p>Centre back connection, NG 63 – 80 – 100</p> 	<p>Bottom back connection, NG 63</p> 

Dimensions (mm)

Nominal size (NG)	B	B ₁	D	D ₁	d ₁	d ₂	d ₃	e	G	L ₁	L ₂	L ₃	L ₄	SW
40	13	-	40	-	14.8	33	-	-	-	11	50	-	-	-
50	11	-	49	-	14	-	-	-	G ¹ / ₂ B	42	56.5	-	-	24
63	14.7	13	62	63.5	12	-	14.8	16	G ¹ / ₂ B	40/63/100/150	61/85/122/172	14	25	19
80	14.3	-	79	-	12	-	-	-	G ¹ / ₂ B	40/63/100/150	61/85/122/172	-	-	19
100	15	-	100	-	12	-	-	-	G ¹ / ₂ B	40/63/100/150	61/85/122/172	-	-	19