

Bimetal-Thermometer Typ 48

WIKA Data Sheet TM 48.01

Applications

- For domestic and industrial heating systems
- Ventilation systems

Special Features

- Accuracy Class 2
- Nominal size 63, 80, 100 and 160
- Scale ranges up to -30 ... 120 °C



Bimetal-Thermometer Model 48

Description

Nominal size

63, 80, 100 and 160 mm

Temperature element

Coiled bimetal

Location of stem

Centre back

Connection

Flange, Ø 61 mm, steel, adjustable on stem

Stem

Length $l = 160, 200$ und 300 mm, Ø 9 mm Cu-alloy

Minimum immersion $l_{\min} = \text{approx. } 60$ mm

Case

Aluminium

Dial

Aluminium, white with black lettering

Pointer

Aluminium, black

Window

Acrylic plastic

Zero adjustment

At bottom of stem

Optional extras

- Other scale ranges
- Other stem length
- Flange $d_2 = 50$ mm

Scale ranges

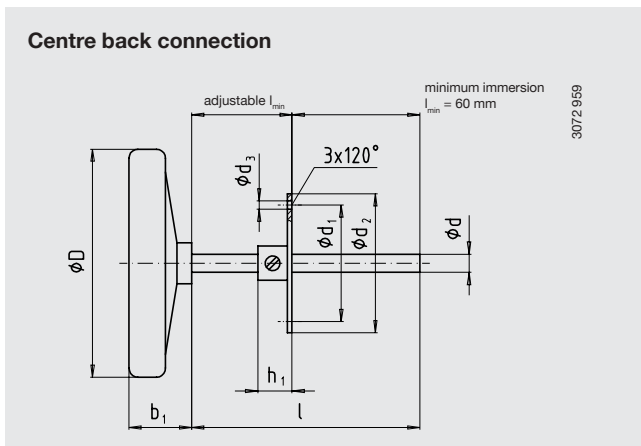
Scale ranges °C	Scale spacing °C
-30 ... + 50	1
-20 ... + 60	1
0 ... 60	1
0 ... 80	1
0 ... 120	2

Models

NS	Location of stem	Model
63	Centre back	A 4800
80	Centre back	A 4801
100	Centre back	A 4802
160	Centre back	A 4803

Dimensions in mm

Standard version



NS	Dimensions in mm								Weight in kg
	Ø D	b ₁	d	d ₁	d ₂	d ₃	h ₁	l	
63	63	20	9	51	61	3,6	13	160, 200, 300	0.16
80	80	22	9	51	61	3,6	13	160, 200, 300	0.18
100	100	27	9	51	61	3,6	13	160, 200, 300	0.21
160	160	29	9	51	61	3,6	13	160, 200, 300	0.36

Ordering information

Model / Nominal size / Scale range / Size of connection / Length of stem l₁ / Optional extras required

Specifications and dimensions given in this leaflet represent the state of engineering at the time of printing. Modifications may take place and materials specified may be replaced by others without prior notice.



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