

Bimetal Thermometers For Air Conditioning and Refrigeration Technology Model 48

WIKA Data Sheet TM 48.01

Applications

- Air conditioning technology
- Ventilation systems

Special Features

- Accuracy class 2
- Nominal size 63, 80, 100 and 160
- Scale range from 0 ... 120 °C



Bimetal Thermometer Model A48.10.080

Description

Nominal size in mm

63, 80, 100 and 160

Temperature element

Coiled bimetal

Location of stem

Back, centre

Connection

Flange, Ø 61 mm, steel zinc plated, adjustable on stem

Stem

Length l = 160, 200 and 300 mm, Ø 9 mm Cu-alloy
Minimum immersion l_{\min} = approx. 60 mm

Accuracy class

Class 2 per EN 13190

Case

Aluminium

Dial

Aluminium, white, lettering black

Pointer

Aluminium, black

Window

Acrylic plastic

Zero adjustment

At bottom of stem

Options

- Other scale ranges
- Other stem lengths
- Flange Ød = 50 mm
- Designs for medical applications on request

Scale ranges

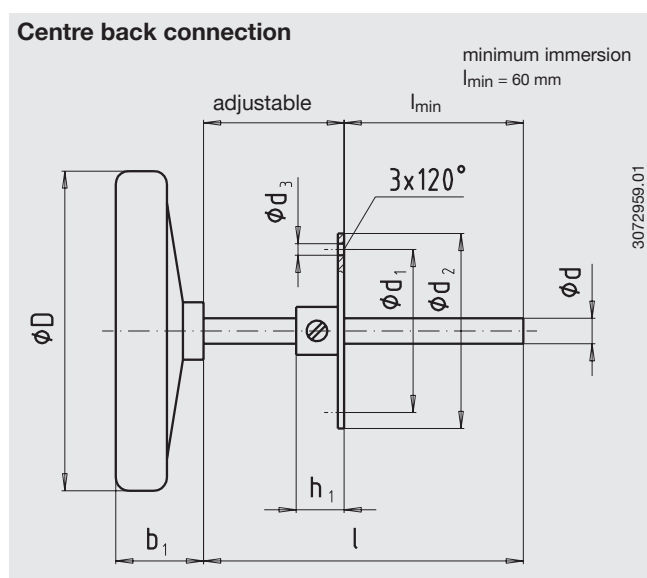
Scale range in °C	Scale spacing in °C
-30 ... +50	1
-20 ... +60	1
0 ... 80	1

Models

NS	Location of stem	Model
63	back	A4800
80	back	A4801
100	back	A4802
160	back	A4803

Dimensions in mm

Standard version



NS	Dimensions in mm								Weight in kg
	ϕD	b_1	ϕd	ϕd_1	ϕd_2	ϕd_3	h_1	l	
63	63	20	9	51	61	3.6	13	160, 200, 300	0.160
80	80	22	9	51	61	3.6	13	160, 200, 300	0.180
100	100	27	9	51	61	3.6	13	160, 200, 300	0.210
160	160	29	9	51	61	3.6	13	160, 200, 300	0.360

Ordering information

Model / Nominal sizes / Scale range / Connection / Length l / Options

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



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