

Bimetallic thermometers horizontal without thermowells - Industrial Version Class 1.0

★★★★★

Materials: Housing: AISI 304, stem: AISI 316Ti, window: Instrument plate glass

Display correction: Adjustable indicator

Protection class: IP 43

Connection: G 1/2"

Stem: 8 mm

Class: 1.0

Operating pressure at the stem: Max. 25 bar

Installation dimension: Ø 63: B₁ = 29 mm, B₂ = 46 mm, Ø 80: B₁ = 30 mm, B₂ = 47 mm,

Ø 100: B₁ = 35 mm, B₂ = 52 mm, Ø 160: B₁ = 39 mm, B₂ = 57 mm

Available stem lengths: L = 63, 100, 160, 200 mm (please specify when ordering)

Thermowell
type

B

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INOX

Type Ø 63 = D	Scale grad.	Type Ø 80 = D	Type (standard) Ø 100 = D	Type Ø 160 = D	Scale grad.	Display range
TW 3563 **	1°C	TW 3580 **	TW 35100 **	TW 35160 **	1°C	-30°C/+50°C
TW 6063 **	1°C	TW 6080 **	TW 60100 **	TW 60160 **	1°C	0°C/+60°C
TW 8063 **	1°C	TW 8080 **	TW 80100 **	TW 80160 **	1°C	0°C/+80°C
TW 10063 **	2°C	TW 10080 **	TW 100100 **	TW 100160 **	1°C	0°C/+100°C
TW 12063 **	2°C	TW 12080 **	TW 120100 **	TW 120160 **	1°C	0°C/+120°C
TW 16063 **	2°C	TW 16080 **	TW 160100 **	TW 160160 **	2°C	0°C/+160°C
TW 20063 **	5°C	TW 20080 **	TW 200100 **	TW 200160 **	2°C	0°C/+200°C
TW 25063 **	5°C	TW 25080 **	TW 250100 **	TW 250160 **	2°C	0°C/+250°C
TW 30063 **	5°C	TW 30080 **	TW 300100 **	TW 300160 **	2°C	0°C/+300°C
TW 40063 **	5°C	TW 40080 **	TW 400100 **	TW 400160 **	5°C	0°C/+400°C
TW 50063 **	5°C	TW 50080 **	TW 500100 **	TW 500160 **	5°C	0°C/+500°C

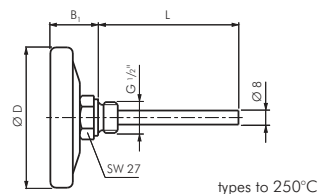
** please specify desired stem length: 63, 100, 160 or 200 mm

Order example: TW 3563 **

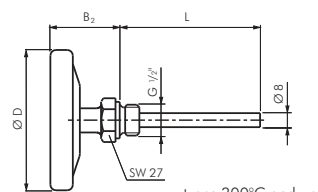
Standard type

Stem length L:

63 mm	...-63
100 mm	...-100
160 mm	...-160
200 mm	...-200



types to 250°C



types 300°C and up

Bimetallic thermometers horizontal without thermowells - Chemical Version Class 1.0

★★★★★

Application: For aggressive measured material in chemistry, petro-chemistry, process engineering. Also for apparatus engineering, food industry or similar. The devices meet the highest requirements for measuring technology.

Materials: Housing: AISI 304, stem: AISI 316Ti, window: Instrument plate glass

Display correction: Indicator with micro-adjustment

Protection class: IP 65

Connection: Male thread G 1/2"

Stem: 8 mm

Class: 1.0

Operating pressure at the stem: Max. 25 bar

Installation dimension: Ø 63: B₁ = 60 mm (≥ +300°C: 100 mm), B₂ = 35 mm,

Ø 100: B₁ = 83 mm (≥ +300°C: 123 mm), B₂ = 50 mm

Available stem lengths: L = 63, 100, 160, 200 mm (please specify when ordering)

Thermowell
type

B

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INOX

Type Ø 63 = D	Type (standard) Ø 100 = D	Display range	Measuring area	Scale graduation	Error limit
TW 5563 ** ES	TW 55100 ** ES	-50°C/+50°C	-40°C/+40°C	1°C	1°C
TW 3563 ** ES	TW 35100 ** ES	-30°C/+50°C	-20°C/+40°C	1°C	1°C
TW 2663 ** ES	TW 26100 ** ES	-20°C/+60°C	-10°C/+50°C	1°C	1°C
TW 6063 ** ES	TW 60100 ** ES	0°C/+60°C	+10°C/+50°C	1°C	1°C
TW 8063 ** ES	TW 80100 ** ES	0°C/+80°C	+10°C/+70°C	1°C	1°C
TW 10063 ** ES	TW 100100 ** ES	0°C/+100°C	+10°C/+90°C	1°C	1°C
TW 12063 ** ES	TW 120100 ** ES	0°C/+120°C	+20°C/+100°C	2°C	2°C
TW 16063 ** ES	TW 160100 ** ES	0°C/+160°C	+20°C/+140°C	2°C	2°C
TW 20063 ** ES	TW 200100 ** ES	0°C/+200°C	+20°C/+180°C	2°C	2°C
TW 25063 ** ES	TW 250100 ** ES	0°C/+250°C	+30°C/+220°C	5°C	2.5°C
TW 30063 ** ES	TW 300100 ** ES	0°C/+300°C	+30°C/+270°C	5°C	5°C
TW 40063 ** ES	TW 400100 ** ES	0°C/+400°C	+50°C/+350°C	5°C	5°C
TW 50063 ** ES	TW 500100 ** ES	0°C/+500°C	+50°C/+450°C	5°C	5°C
TW 60063 ** ES	TW 600100 ** ES	0°C/+600°C	+100°C/+500°C	10°C	10°C

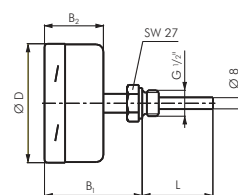
** please specify desired stem length: 63, 100, 160 or 200 mm

Order example: TW 5563 ** ES

Standard type

Stem length L:

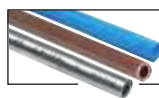
63 mm	...-63
100 mm	...-100
160 mm	...-160
200 mm	...-200



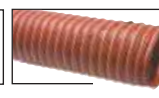
OKS Cleaner and service products from page 564



Temperature switches from page 401



Aluminium, copper and steel pipes from page 250



Silicone hot air hoses from page 224

All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C.