



Bimetal thermometers for industrial applications

benefits

- ranges: -20/+60, 0/60, 0/120, 0/160 °C
- brass thermowell
- brass stem

Application

Mechanical engineering, plant engineering, pipelines, boilers, heating technology

Technical Specifications

Type

D2

Nominal size

80

measuring element

Bimetal helix

accuracy class

1 (EN 13190)

ranges °C

-20/+60

Application area (EN 13190)

continuous load: Measuring range
short-term: Range

Operating pressure at thermowell

max. 10 bar (static)

Degree of protection

IP 41 (EN 60529)

Connection

Stem: Brass, Ø 9 mm

Thermowell: G½B, Brass, Ø 12 mm, removable

mounting position

bottom

Dial

Aluminium, white

Scaling: black

Pointer

Aluminium, black

Housing

Sheet steel, galvanised

push on bezel

Sheet steel, nickel-plated

window

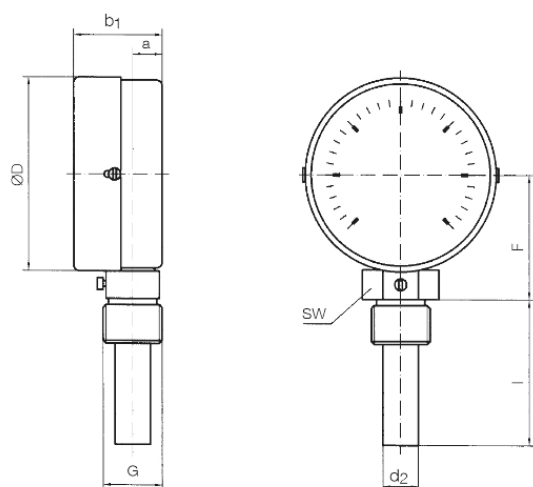
Instrument glass

Options

- other connection types
- other ranges
- other stem lengths

Technical Drawings

Bottom connection



Dimensions (mm)

NG	a	b1	D	d2	F	G	I	SW
63	10	34	63	12	43,5	G½B	40	22
	10	34	63	12	43,5	G½B	63	22
	10	34	63	12	43,5	G½B	100	22
	10	34	63	12	43,5	G½B	150	22
80	10	36	80	12	52	G½B	40	22
	10	36	80	12	52	G½B	63	22
	10	36	80	12	52	G½B	100	22
	10	36	80	12	52	G½B	150	22
100	10	36	100	12	62	G½B	40	22
	10	36	100	12	62	G½B	63	22
	10	36	100	12	62	G½B	100	22
	10	36	100	12	62	G½B	150	22
160		37	160	12	92	G½B	40	22
		37	160	12	92	G½B	63	22
		37	160	12	92	G½B	100	22
		37	160	12	92	G½B	150	22

Versions

housing ø	mounting position	Range	Stem length	Type		Part no.
80 mm	bottom	-20/+60 °C	45 mm	BiTh 80 I	D201	65206201
80 mm	bottom	-20/+60 °C	63 mm	BiTh 80 I	D201	65207201
80 mm	bottom	-20/+60 °C	100 mm	BiTh 80 I	D201	65208201
80 mm	bottom	-20/+60 °C	150 mm	BiTh 80 I	D201	65209201

● in-stock items

● Non-stock items