



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)

Options

Connection

Stem: Brass, Ø 9 mm

Thermowell: G $\frac{1}{2}$ B, Brass, Ø 12 mm, removable

mounting position

centre back

Dial

Aluminium, white

Scaling: black

Pointer

Aluminium, black

Housing

Sheet steel, galvanised

push on bezel

Sheet steel, nickel-plated

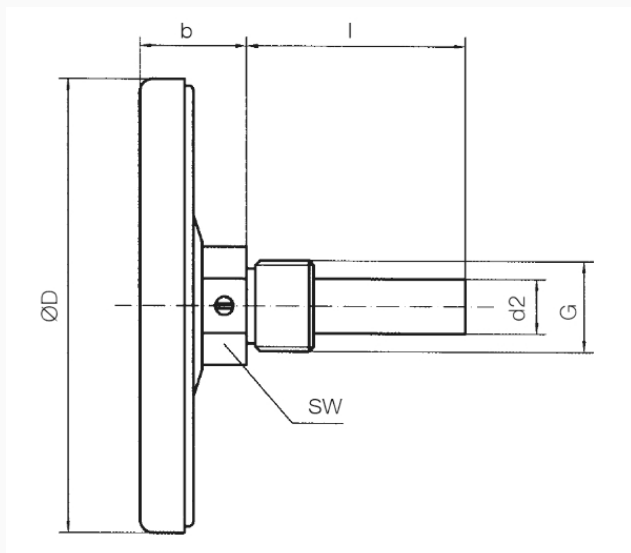
window

Instrument glass

- other connection types
- other ranges
- other stem lengths

Technical Drawings

Centre back connection



Dimensions (mm)

NG	b	D	d2	G	l	SW
63	24	63	12	G $\frac{1}{2}$ B	40	22
63	24	63	12	G $\frac{1}{2}$ B	63	22
63	24	63	12	G $\frac{1}{2}$ B	100	22
63	24	63	12	G $\frac{1}{2}$ B	150	22
80	24	80	12	G $\frac{1}{2}$ B	40	22
80	24	80	12	G $\frac{1}{2}$ B	63	22
80	24	80	12	G $\frac{1}{2}$ B	100	22
80	24	80	12	G $\frac{1}{2}$ B	150	22
100	26	100	12	G $\frac{1}{2}$ B	40	22
100	26	100	12	G $\frac{1}{2}$ B	63	22
100	26	100	12	G $\frac{1}{2}$ B	100	22
100	26	100	12	G $\frac{1}{2}$ B	150	22
160	32	160	12	G $\frac{1}{2}$ B	40	22
160	32	160	12	G $\frac{1}{2}$ B	63	22
160	32	160	12	G $\frac{1}{2}$ B	100	22
160	32	160	12	G $\frac{1}{2}$ B	150	22

Versions

housing ø	mounting position	Range	Stem length	Type			Part no.
80 mm	centre back	-20/+60 °C	45 mm	BiTh 80 I	D211	●	65206211
80 mm	centre back	-20/+60 °C	63 mm	BiTh 80 I	D211	●	65207211
80 mm	centre back	-20/+60 °C	100 mm	BiTh 80 I	D211	●	65208211
80 mm	centre back	-20/+60 °C	150 mm	BiTh 80 I	D211	●	65209211

● in-stock items

● Non-stock items