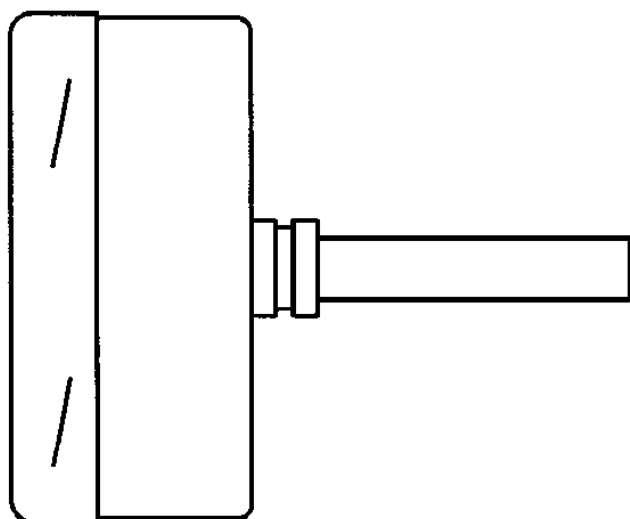




bimetal thermometer

benefits

- ideal for hygienic processes
- accuracy class 1 as per EN 13190
- for temperatures of the medium of up to 160 °C
- Process connection centre back or bottom or threads various thermowells

Application

For corrosive media. Meets high measuring demands, e.g. in process engineering as well as chemical and food industry applications.

Technical Specifications

Type

D4

Nominal size

100

measuring element

Bimetal helix

accuracy class

1 (EN 13190)

ranges °C

-20/+60

application area

continuous load: Full scale value
short-term: 1.1 x full scale value

operating pressure at stem

max. 6 bar

Degree of protection

IP 65 (EN 60529)

Connection

Stem: Stainless steel 316 Ti, Ø 8 mm, plain

mounting position

centre back

Dial

Aluminium, white

Scaling: black

Pointer

Aluminium, black

Housing

Stainless steel 304

bayonet bezel

Stainless steel 304

window

Instrument glass

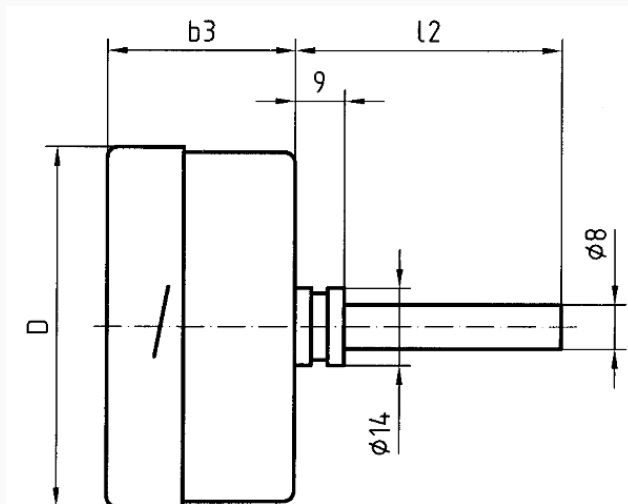
Options

- Thermowell G½B, stainless steel 316 Ti/316 L
- Grooved nut connection as per DIN 11851
- other connection designs
- other ranges

- other stem lengths
- laminated safety glass window
- Glycerine filling
- Every angle version
- back flange
- 3-hole fixing, panel mounting bezel
- special materials

Technical Drawings

centre back connection, plain



Dimensions (mm)

NG	b3	D	l2
63	32	63	67
63	32	63	67
63	32	63	67
63	32	63	67
100	27,5	100	104
100	27,5	100	104
100	27,5	100	104
100	27,5	100	104
160	34	160	154
160	34	160	154
160	34	160	154
160	34	160	154

Versions

Type	housing ø	mounting position	Range	For thermowell with length L1	Type	Type	Part no.
BiTh 100 Ch	100 mm	centre back	-20/+60 °C	63 mm	BiTh 100 Ch	D412	66807412
BiTh 100 Ch	100 mm	centre back	-20/+60 °C	100 mm	BiTh 100 Ch	D412	66808412
BiTh 100 Ch	100 mm	centre back	-20/+60 °C	150 mm	BiTh 100 Ch	D412	66809412
BiTh 100 Ch	100 mm	centre back	-20/+60 °C	200 mm	BiTh 100 Ch	D412	66810412

- in-stock items
- Non-stock items