



bimetal stainless steel thermometer BiTh 80 E

Part no. 66246312

Bimetal stainless steel thermometers

benefits

- suitable for use in mechanical engineering, plant engineering, process engineering or food industry
- ideal for hygienic processes
- accuracy class 1 as per EN 13190
- for temperatures of the medium of up to 160 °C
- with adapter ring for thermowell Ø 18 mm

Application

For corrosive media. Suitable for a great range of industrial applications.

Technical Specifications

Type

D3

Nominal size

80

measuring element

Bimetal helix

accuracy class

1 (EN 13190)

ranges °C

0/120

Application area (EN 13190)

continuous load: Measuring range
short-term: Range

Operating pressure at thermowell

(not included in scope of delivery)
max. 25 bar

Degree of protection

IP 43 (EN 60529)

standard version

Connection

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

mounting position

centre back

Dial

Aluminium, white
Scaling: black

Pointer

Aluminium, black

Housing

Stainless steel 304

push on bezel

Stainless steel 304

window

Instrument glass

Options

- Thermowell G½B, stainless steel 316 Ti/316 L
- other connection designs
- other ranges
- other stem lengths

Technical Drawings

centre back connection, plain



Dimensions (mm)

NG	b1	D	l2
63	15	63	67
63	15	63	104
63	15	63	154
63	15	63	204
80	15	80	67
80	15	80	104
80	15	80	154
80	15	80	204
100	17	100	67
100	17	100	104
100	17	100	154
100	17	100	204

Versions

Type	housing ø	moun- ting po- sition	Connec- tion	Range	For ther- mowell with length L1	Stem length L1	Type	Type	Part no.
BiTh 80 E	80 mm	centre back	plain	0/120 °C	45 mm		BiTh 80 E	D312	66246312

- in-stock items
- Non-stock items