Industrial bimetallic horizontal thermometer (type 1231, type 1261, type 1271)

Nominal dimensions 63 mm, 80 mm or 100 mm, IP65 waterproof housing, high-quality stainless steel design

Made in Germany

>> Measuring principle:
Bimetallic coil

>> Application
horizontal bimetal thermometer (type 1231, type 1261, type 1271) for temperature measurement and monitoring in machine, apparatus, container and pipeline construction. This robust thermometer is suitable for in-process installation, allowing numerous applications in plant and heating engineering, as well as in the industry at large. The process connection with a spherical weld-in socket enables its use in the food industry.

Please check with the following technical data and our operating instructions whether this product is suitable for your specific application.

If you have questions, feel free to contact us.



Industrial bimetallic horizontal thermometer, IP65 waterproof, stainless steel stem

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Nominal dimensions 63 mm, 80 mm or 100 mm, IP65 waterproof housing, high-quality stainless steel design

>> Design
according to EN 13 190 (DIN 16 203), Class 1

>> Housing
Ø 63 mm, Ø 80 mm or Ø 100 mm stainless steel housing, IP65 waterproof,
housing with crimped-on ring, horizontal connection

>> Scale
White aluminium, black numbers

>> Display area
-40 to +40°C
-40 to +60°C
-30 to +50°C
-20 to +40°C
-20 to +60°C
0 to 60°C
0 to 80°C
0 to 100°C
0 to 120°C
0 to 160°C
0 to 200°C
0 to 250°C
0 to 300°C
0 to 350°C
0 to 400°C
0 to 500°C

>> Stem
Stainless steel, Ø 8 mm, horizontaal, smooth, other diameters optionally available,
Nominal length 100 mm, 150 mm, 200 mm, special lengths optionally available

>> Process connection
Separate protective tube G1/2"
Compression fitting 1/2"
Fixed male thread G1/2"
Union nut G1/2"
Optional: rotatable male thread G1/2"
Spherical weld-in socket with integrated compression fitting G1/4"
M18 x 1,5; M20 x 1,5
G1/4", G3/4"
NPT1/4", NPT1/2", NPT3/4",
Further threads available upon request

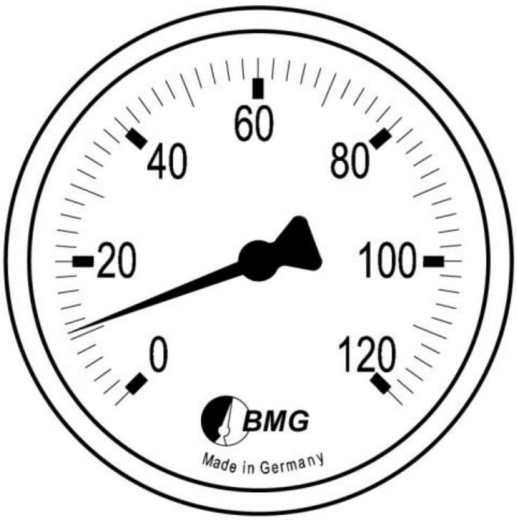
>> Options
Double scale °C/°F or display in °F
Printout with customer logo
Other stem diameters
Special stem lengths
Other threads available upon request including spherical weld-in socket with integrated compression fitting G1 / 4 ",
rotatable male thread G1/2", M18 x 1,5; M20 x 1,5, G1/4", G3/4", NPT1/4", NPT1/2", NPT3/4",
Calibration certificates available upon request

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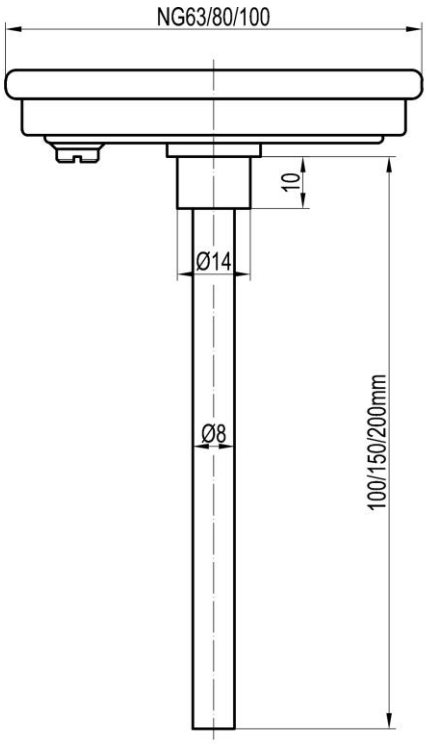
Industrial bimetallic horizontal thermometer (type 1231, type 1261, type 1271)

Nominal dimensions 63 mm, 80 mm or 100 mm, IP65 waterproof housing, high-quality stainless steel design I

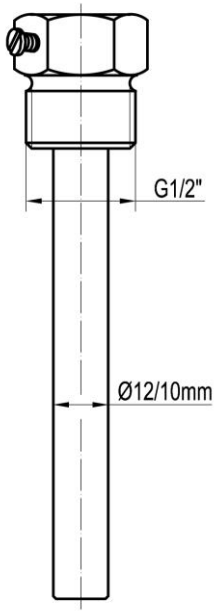
Scale



Standard: Plain connection (00)



Separate protective sleeve (24)

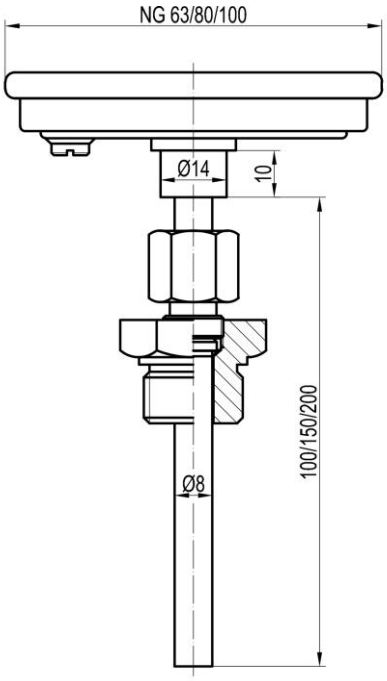


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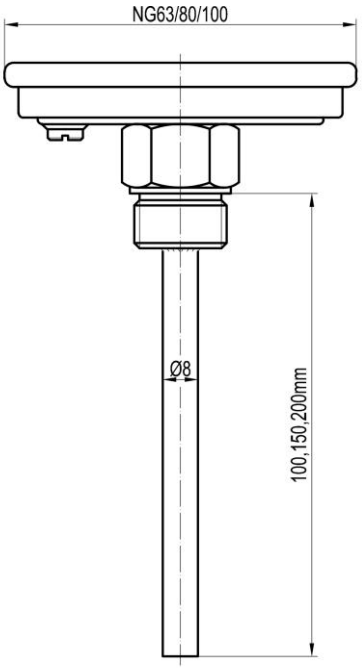
Industrial bimetallic horizontal thermometer (type 1231, type 1261, type 1271)

Nominal dimensions 63 mm, 80 mm or 100 mm, IP65 waterproof housing, high-quality stainless steel design

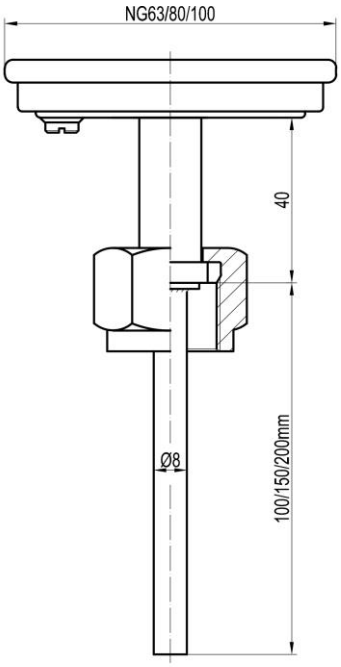
Compression fitting (26)



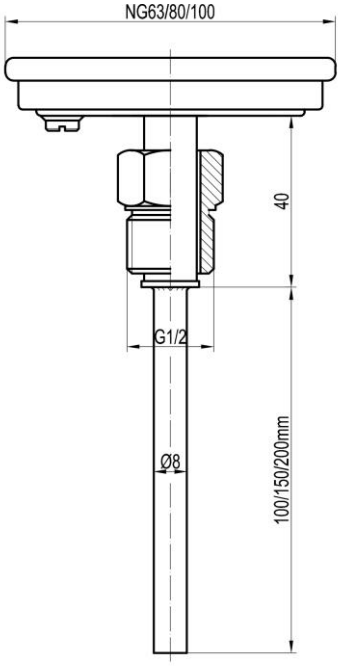
Fixed male thread (44)



Union nut (64)



rotatable male thread (D44)



Nominal dimensions 63 mm, 80 mm or 100 mm, IP65 waterproof housing, high-

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Industrial bimetallic horizontal thermometer (type 1231, type 1261, type 1271)

Temperature mechanical



quality stainless steel design

>> Ordering code: 1 2 [ ] 1 . [ ] [ ] [ ] . [ ] [ ] [ ] . [ ] [ ] 2 . [ ]

1. Housing nominal dimensions

63 mm	3
80 mm	6
100 mm	7

2. Display area

-40 to +60°C	046
-40 to +40°C	044
-30 to +50°C	035
-20 to +60°C	026
-20 to +40°C	024
0 to 60°C	060
0 to 80°C	080
0 to 100°C	100
0 to 120°C	120
0 to 160°C	160
0 to 200°C	200
0 to 250°C	250
0 to 300°C	300
0 to 350°C	350
0 to 400°C	400
0 to 500°C	500
Specify special measuring range in plain text	xxx

3. Stem nominal length

100 mm	100
150 mm	150
200 mm	200
Specify special length in plain text	xxx

4. Stem / connection, material: Stainless steel

Plain	00
Separate protective sleeve G ½ "	24
Compression fitting G ½ "	26
Union nut G ½ "	64
Specify other options in plain text, e.g.: Rotatable male thread G1/2 ", spherical weld-in socket with compression fitting G1/4", M18 x 1,5; M20 x 1,5, G1/4", G3/4", NPT1/4", NPT1/2", NPT3/4"	xx

5. Options

without	empty
Double scale °C/°F	D
Scale in °F	F
Specify other options in plain text	S

Please fill in all blank fields of the order code. Please refer to information above for the corresponding figures. Special measuring ranges, special lengths, other process connections and options are available upon request. Please enter them in plain text.

Order example 1271.120.100.002 bimetal thermometer (Type 12), nominal size 100, horizontal, measuring range 0 to 120 °C, mounting length 100 mm, smooth stainless steel

Weight (plain connection): 80 g

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