

THERMOMANOMETER 3081/ 3082

diameter 80mm

bottom and back connection



DESCRIPTION:

- steel case
- plastic inspection hole
- connection 3081 (bottom), 3082 (back) CuZn and copper alloys
- measuring mechanism CuZn and copper alloys
- including closing valve G1/2

APPLICATION:

- heating industry and sanitary technology
- heating management, power engineering
- other operations without high demands

TECHNICAL PARAMETERS:

- diameter: 80mm (63mm)
- temperature ranges: 0-120°C (0-150°C)
 - pressure ranges: 0-4, 6, 10, 16bar
 - connection thread: G1/2
- accuracy class: pressure gauge 1,6%; thermometer 2,5%

SPECIFICATION:

Thermomanometers 3081/3082 are produced according to standard EN837-1. Designed for simultaneous pressure and temperature measuring.

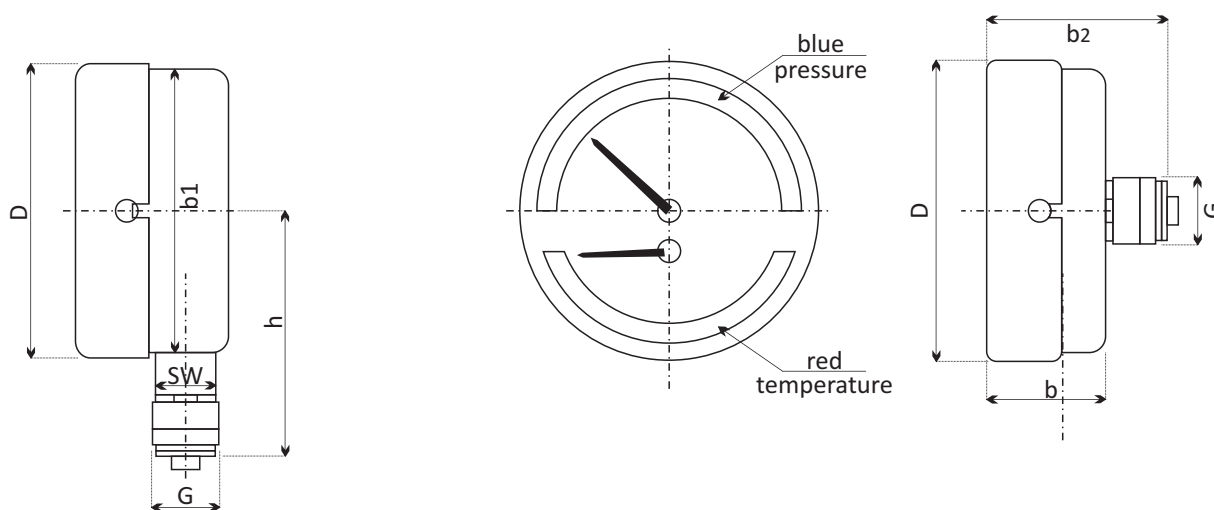
Instruments are equipped with automatic closing valve, that enables instrument change without heating system drainage.

Design of diameter 80mm, also diameter 63mm available. Other individual design options on request: special scale design, connection threads, back or front flange, max. pressure needle, etc.

Code	3081	3082
Diameter	80mm	80mm
Design	bottom connection	back connection
Accuracy class	pressure gauge 1,6%; thermometer 2,5%	
Measure ranges	0-120, 150°C; 0-4, 6, 10, 16bar	
Highest accuracy	constant pressure - 3/4 from all range, fluctuating pressure - 2/3 from all range	
Case	black metal sheet	
Ring	CrNi sheet	
Inspection hole	plastic	
Scale	white Al sheet with black print according to DIN EN 837	
Needle	Al sheet according to DIN 16 099	
Machine basis	CuZn - alloy	
Spring	Cu - alloy	
Connection	CuZn - alloy	
Medium temper.	$T_{min} -20^{\circ}C$, $T_{max} 120^{\circ}C$	
Environment temp.	$T_{min} -20^{\circ}C$, $T_{max} 120^{\circ}C$	
Measuring depend. on temperature	0,3%/10K for deviations from normal temperature 20°C	
Weight approx.	0,3kg	0,3kg

- 3081 - bottom connection

- 3082 - back connection



Dimensions in mm									
Type	Nom.size	b	b1	b2	D	h	G	SW	Weight
3081/3082	80	32	79	65	81	72	G 1/2	22	0,31