



Bourdon tube pressure gauge, back or lower mount connection

- For gases and not crystallizing liquids
- Back or radial mount lower connection
- Different sizes and measurement ranges

Manometer for the pressure measurement of neutral and aggressive gases and not crystallizing liquids with small viscosity, that will not attack copper alloy manometer interior parts. A circular bourdon tube in alloyed copper is used as sensor.

Warning!

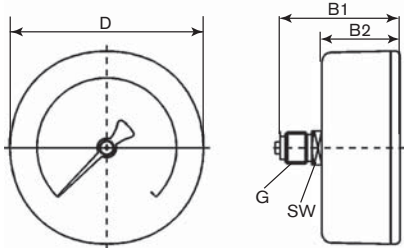
Not suitable for town gas, oxygen and acetylene.

Technical data	
Measuring principle	Bourdon tube
Measurement range	Vacuum up to 25 bar
Accuracy class	2.5 according to EN 837-1
Display range	according to EN 837-1
Working pressure	
Steady	75% of full scale value
Fluctuating	67% of full scale value
Short time	100% of full scale value
Medium	neutral/aggressive gases/liquids with small viscosity, those not crystallize and do not attack the materials of the bourdon tube
Ambient temperature	-20 to +60°C
Medium temperature	max. +60°C
Temperature behaviour	±0.4% per 10 K related to +20°C
Pressure measuring element	Circular
Measuring element material	Alloyed copper
Motion work material	Alloyed copper
Pressure connection material	Alloyed copper
Case material	Plastic, black
Pointer material	Plastic, black
Dial	Plastic, white; with black lettering and pointer stop pin
Window	Plastic, crystal-clear; snapp-fit

Others versions on request

Ordering chart for pressure gauge (further versions on request), gauge with center back mount connection

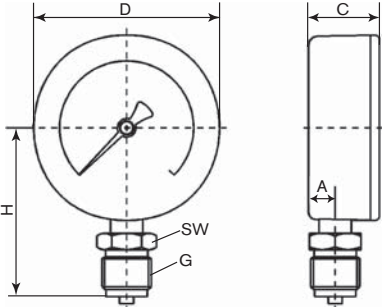
Display range [bar]	Nominal size [mm]	Process connection	Item no.
0 to 4	40	G 1/8	787 028
	50	G 1/4	787 029
	63	G 1/4	787 030
0 to 6	40	G 1/8	787 031
	50	G 1/4	787 032
	63	G 1/4	787 033
0 to 10	40	G 1/8	787 034
	50	G 1/4	787 035
	63	G 1/4	787 036
0 to 16	40	G 1/8	787 037
	50	G 1/4	787 038
	63	G 1/4	787 039

Dimensions [mm] gauge with centre back mount connection


Nominal size	B1 ±0,5	B2 ±1,0	D	G	SW	Weight [kg]
40	44	26	41	G 1/8	14	0.063
50	47.5	26.5	49	G 1/4	14	0.071
63	48	27.5	62	G 1/4	14	0.078

Ordering chart for pressure gauge (further versions on request), gauge with radial lower mount connection

Display range [bar]	Nominal size [mm]	Process connection	Item no.
0 to 4	40	G 1/8	787 002
	50	G 1/4	787 003
	63	G 1/4	787 004
0 to 6	40	G 1/8	787 005
	50	G 1/4	787 006
	63	G 1/4	787 007
0 to 10	40	G 1/8	787 008
	50	G 1/4	787 009
	63	G 1/4	787 010
0 to 16	40	G 1/8	787 011
	50	G 1/4	787 012
	63	G 1/4	787 013

Dimensions [mm] gauge with radial lower mount connection


Nominal size	A	C ±0,5	D	G	H ±1,0	Flats	Weight [kg]
40	8	24.1	41	G 1/8	36	12	0.06
50	10	27.6	49	G 1/4	45	14	0.10
63	10	28.3	62	G 1/4	53.5	14	0.13

*To find your nearest Bürkert facility, click on the orange box → www.burkert.com

In case of special application conditions,
please consult for advice.

We reserve the right to make technical changes without notice.
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