

## 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!

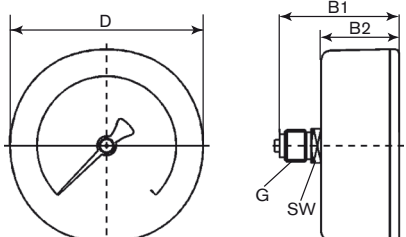
Not suitable for town gas, oxygen and acetylene.

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

Others versions on request

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

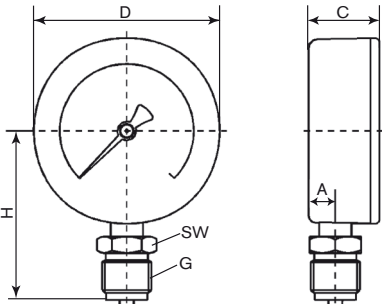
Display range [bar]	Nominal size [mm]	Process connection	Article no.
0 to 4	40	G 1/8	787028
	50	G 1/4	787029
	63	G 1/4	787030
0 to 6	40	G 1/8	787031
	50	G 1/4	787032
	63	G 1/4	787033
0 to 10	40	G 1/8	787034
	50	G 1/4	787035
	63	G 1/4	787036
0 to 16	40	G 1/8	787037
	50	G 1/4	787038
	63	G 1/4	787039

**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	Article no.
0 to 4	40	G 1/8	787002
	50	G 1/4	787003
	63	G 1/4	787004
0 to 6	40	G 1/8	787005
	50	G 1/4	787006
	63	G 1/4	787007
0 to 10	40	G 1/8	787008
	50	G 1/4	787009
	63	G 1/4	787010
0 to 16	40	G 1/8	787011
	50	G 1/4	787012
	63	G 1/4	787013

**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

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