

Standard capsule pressure gauges Type D4



Benefits

- With zero correction
- Optional overpressure and/or underpressure safety 10 x FSD
- Extremely low measuring ranges from 0/6 mbar
- GOSSTANDART-certified

Application

For gaseous, dry media which do not attack copper alloys.

! For measuring gas or vapour, observe the table "Selection Criteria as per EN 837-2" (see appendix)!

Technical specifications

Type

D4

Nominal size

100

Accuracy class (EN 837-3/6)

1,6

Ranges (EN 837-3/5)

See ordering table

Application area

Static load: Full scale value
Dynamic load: 0.9 x full scale value
Overload safety: 1.3 x full scale value

Operating temperature range

Medium: Max. 60 °C
Ambient: -20/+60 °C

Temperature performance

Indication error when the temperature of the measuring system deviates from the normal temperature of 20 °C:
at rising temperature approx. $\pm 0.6 \text{ \%}/10 \text{ K}$
falling temperature approx. $\pm 0.6 \text{ \%}/10 \text{ K}$
of full scale value

Degree of protection

NG 100: IP 54 (EN 60529)



Standard version

- Connection**
Brass, bottom
- Measuring element**
Capsule element, CuBe alloy
- Movement**
Brass
- Zero correction**
From the front
- Seal**
NBR (Perbunan)
- Dial**
Aluminium, white
Scaling black

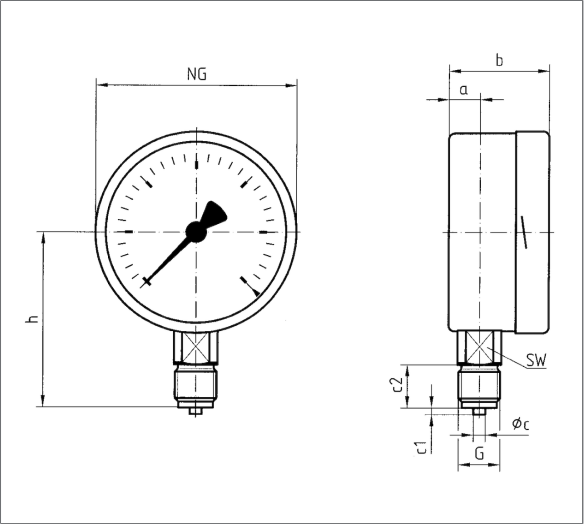
- Pointer**
Aluminium, black
- Housing**
Stainless steel 304
- Bayonet type bezel**
Stainless steel 304
- Window**
D401: Instrument glass

Options

- Overpressure and underpressure safety 10 x FSD
- Back flange
- Panel mounting bezel, with window, plastic
- 3-hole fixing, panel mounting bezel with window, plastic
- Damping screw
- Reference pointer
- Special scales
- Other process connections

Technical drawings

Bottom connection



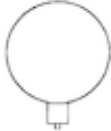
Dimensions (mm)

NG	a	b	Øc	c1	c2	G	h	SW
63	10,8	40	5	2	13	G¼B	53	14
100	15,6	49	6	3	20	G½B	86	22
160	17,5	50	6	3	20	G¾B	116	22



Versions

KP100 D401

	Housing ∅	Connection	Alignment	Housing	Accuracy class	Range	Type	Part no.
	100 mm	G½B	Bottom	Stainless steel 304	1,6	0/40 mbar	KP100 D401	35117401
	100 mm	G½B	Bottom	Stainless steel 304	1,6	0/60 mbar	KP100 D401	35118401
	100 mm	G½B	Bottom	Stainless steel 304	1,6	0/100 mbar	KP100 D401	35119401
	100 mm	G½B	Bottom	Stainless steel 304	1,6	0/160 mbar	KP100 D401	35120401
	100 mm	G½B	Bottom	Stainless steel 304	1,6	0/250 mbar	KP100 D401	35121401
	100 mm	G½B	Bottom	Stainless steel 304	1,6	0/400 mbar	KP100 D401	35122401

Blue part no. = in-stock items