



Standard capsule pressure gauge type D4

housing $\varnothing$ (nominal size)	63 mm
Connection	G $\frac{1}{4}$ B
alignment	centre back
accuracy class	1.6
standard	EN 837-3

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

63

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 63

IP 33 (EN 60529)

Connection

Brass, centre back

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 bezel
Stainless steel 304

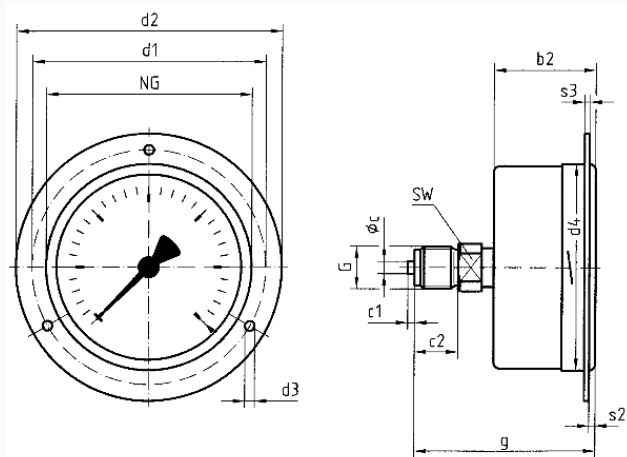
window
D431
Plastic (PMMA)

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
- throttle screw
- Reference pointer
- special scales
- other process connections

Technical Drawings

Centre back connection, 3-hole fixing, panel mounting bezel



Dimensions (mm)

NG	b2	Øc	c1	c2	d1*	d2	d3*	d4	G	g	s2	s3	SW
63	37	5	2	13	75	85	3,5	64	G1/4B	60	3	2	14
100	49	6	3	20	116	132	4,8	104	G1/2B	81	4	2	22
160	50	6	3	20	178	196	5,8	164	G3/4B	82	4	2	22

* Dimensions for NG 100 according to DIN 16014

Versions

Range	Mounting type	Type		Part number
-25/+0 mbar	3-hole fixing, panel mounting bezel	KP63 D431	●	35004431
-40/+0 mbar	3-hole fixing, panel mounting bezel	KP63 D431	●	35005431
-60/+0 mbar	3-hole fixing, panel mounting bezel	KP63 D431	●	35006431
-100/+0 mbar	3-hole fixing, panel mounting bezel	KP63 D431	●	35007431
-160/+0 mbar	3-hole fixing, panel mounting bezel	KP63 D431	●	35008431
-250/+0 mbar	3-hole fixing, panel mounting bezel	KP63 D431	●	35009431
-400/+0 mbar	3-hole fixing, panel mounting bezel	KP63 D431	●	35010431
-600/+0 mbar	3-hole fixing, panel mounting bezel	KP63 D431	●	35011431
-1000/+0 mbar	3-hole fixing, panel mounting bezel	KP63 D431	●	35012431
0/25 mbar	3-hole fixing, panel mounting bezel	KP63 D431	●	35016431
0/40 mbar	3-hole fixing, panel mounting bezel	KP63 D431	●	35017431
0/60 mbar	3-hole fixing, panel mounting bezel	KP63 D431	●	35018431
0/100 mbar	3-hole fixing, panel mounting bezel	KP63 D431	●	35019431
0/160 mbar	3-hole fixing, panel mounting bezel	KP63 D431	●	35020431
0/250 mbar	3-hole fixing, panel mounting bezel	KP63 D431	●	35021431
0/400 mbar	3-hole fixing, panel mounting bezel	KP63 D431	●	35022431
0/600 mbar	3-hole fixing, panel mounting bezel	KP63 D431	●	35023431
0/1000 mbar	3-hole fixing, panel mounting bezel	KP63 D431	●	35024431

- in-stock items
- Non-stock items