



Standard capsule pressure gauge 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

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

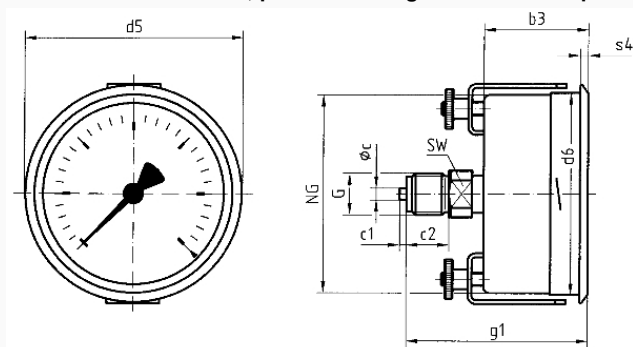
window
D451
Plastic (PMMA)

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, panel mounting bezel with clamp fixing



Dimensions (mm)

NG	b3	Øc	c1	c2	d5	d6	G	g1	s4	SW
63	37	5	2	13	68	64	G $\frac{1}{4}$ B	60	3	14
100	49	6	3	20	107	101	G $\frac{1}{2}$ B	81	4	22
160	52	6	3	20	167	161	G $\frac{1}{2}$ B	84	4,5	22

Versions

Range	Mounting type	Type		Part number
-25/+0 mbar	Panel mounting bezel, with clamp fixing	KP63 D451	●	35004451
-40/+0 mbar	Panel mounting bezel, with clamp fixing	KP63 D451	●	35005451
-60/+0 mbar	Panel mounting bezel, with clamp fixing	KP63 D451	●	35006451
-100/+0 mbar	Panel mounting bezel, with clamp fixing	KP63 D451	●	35007451
-160/+0 mbar	Panel mounting bezel, with clamp fixing	KP63 D451	●	35008451
-250/+0 mbar	Panel mounting bezel, with clamp fixing	KP63 D451	●	35009451
-400/+0 mbar	Panel mounting bezel, with clamp fixing	KP63 D451	●	35010451
-600/+0 mbar	Panel mounting bezel, with clamp fixing	KP63 D451	●	35011451
-1000/+0 mbar	Panel mounting bezel, with clamp fixing	KP63 D451	●	35012451
0/25 mbar	Panel mounting bezel, with clamp fixing	KP63 D451	●	35016451
0/40 mbar	Panel mounting bezel, with clamp fixing	KP63 D451	●	35017451
0/60 mbar	Panel mounting bezel, with clamp fixing	KP63 D451	●	35018451
0/100 mbar	Panel mounting bezel, with clamp fixing	KP63 D451	●	35019451
0/160 mbar	Panel mounting bezel, with clamp fixing	KP63 D451	●	35020451
0/250 mbar	Panel mounting bezel, with clamp fixing	KP63 D451	●	35021451
0/400 mbar	Panel mounting bezel, with clamp fixing	KP63 D451	●	35022451
0/600 mbar	Panel mounting bezel, with clamp fixing	KP63 D451	●	35023451
0/1000 mbar	Panel mounting bezel, with clamp fixing	KP63 D451	●	35024451

● in-stock items

● Non-stock items