



Standard capsule pressure gauge type D3

benefits

- with zero correction
- ideal for low pressure ranges
- 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

D3

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

window

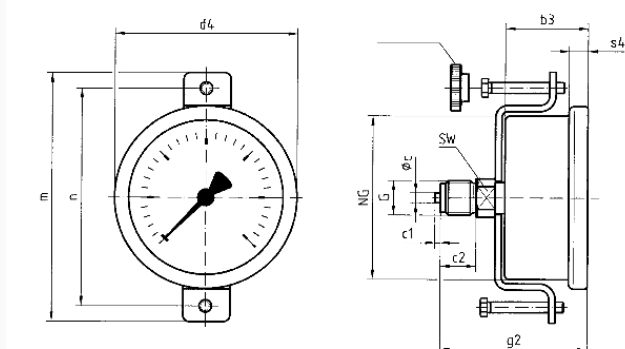
Plastic, clipped in

Options

- back flange
- Panel mounting bezel
- 3-hole fixing, panel mounting bezel
- Measuring system stainless steel (NG 100)
- throttle screw
- Reference pointer
- special scales
- other process connections

Technical Drawings

centre back connection, crimped bezel housing with clamp fixing, NG 63



Dimensions (mm)

NG	b3	Øc	c1	c2	d4	G	g2	m	n	s4	SW
63	30,5	5	2	13	68	G 1/4 B	53,5	94	82	7	14

Versions

Range	Mounting type	Type		Part number
-25/+0 mbar	Panel mounting bezel, with clamp fixing	KP63 D351	●	35004351
-40/+0 mbar	Panel mounting bezel, with clamp fixing	KP63 D351	●	35005351
-60/+0 mbar	Panel mounting bezel, with clamp fixing	KP63 D351	●	35006351
-100/+0 mbar	Panel mounting bezel, with clamp fixing	KP63 D351	●	35007351
-160/+0 mbar	Panel mounting bezel, with clamp fixing	KP63 D351	●	35008351
-250/+0 mbar	Panel mounting bezel, with clamp fixing	KP63 D351	●	35009351
-400/+0 mbar	Panel mounting bezel, with clamp fixing	KP63 D351	●	35010351
-600/+0 mbar	Panel mounting bezel, with clamp fixing	KP63 D351	●	35011351
-1000/+0 mbar	Panel mounting bezel, with clamp fixing	KP63 D351	●	35012351
0/25 mbar	Panel mounting bezel, with clamp fixing	KP63 D351	●	35016351
0/40 mbar	Panel mounting bezel, with clamp fixing	KP63 D351	●	35017351
0/60 mbar	Panel mounting bezel, with clamp fixing	KP63 D351	●	35018351
0/100 mbar	Panel mounting bezel, with clamp fixing	KP63 D351	●	35019351
0/160 mbar	Panel mounting bezel, with clamp fixing	KP63 D351	●	35020351
0/250 mbar	Panel mounting bezel, with clamp fixing	KP63 D351	●	35021351
0/400 mbar	Panel mounting bezel, with clamp fixing	KP63 D351	●	35022351
0/600 mbar	Panel mounting bezel, with clamp fixing	KP63 D351	●	35023351
0/1000 mbar	Panel mounting bezel, with clamp fixing	KP63 D351	●	35024351

● in-stock items

● Non-stock items