



Standard capsule pressure gauge type D3

housing $\varnothing$ (nominal size)	80 mm
Connection	G $\frac{1}{2}$ B
alignment	centre back
accuracy class	1.6
standard	EN 837-3

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

80

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 80

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

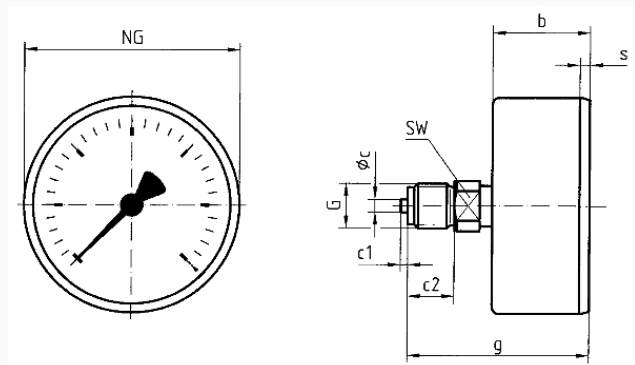
window
Plastic, clipped in

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



Dimensions (mm)

NG	b	Øc	c1	c2	G	g	s	SW
63	33,7	5	2	13	G $\frac{1}{4}$ B	56,7	3,7	14
80	43,3	6	3	20	G $\frac{1}{2}$ B	75,3	3,8	22
100	44	6	3	20	G $\frac{1}{2}$ B	76	3,5	22

Versions

Range	Mounting type	Type		Part number
-25/+0 mbar	direct	KP80 D311	●	35054311
-40/+0 mbar	direct	KP80 D311	●	35055311
-60/+0 mbar	direct	KP80 D311	●	35056311
-100/+0 mbar	direct	KP80 D311	●	35057311
-160/+0 mbar	direct	KP80 D311	●	35058311
-250/+0 mbar	direct	KP80 D311	●	35059311
-400/+0 mbar	direct	KP80 D311	●	35060311
-600/+0 mbar	direct	KP80 D311	●	35061311
-1000/+0 mbar	direct	KP80 D311	●	35062311
0/25 mbar	direct	KP80 D311	●	35066311
0/40 mbar	direct	KP80 D311	●	35067311
0/60 mbar	direct	KP80 D311	●	35068311
0/100 mbar	direct	KP80 D311	●	35069311
0/160 mbar	direct	KP80 D311	●	35070311
0/250 mbar	direct	KP80 D311	●	35071311
0/400 mbar	direct	KP80 D311	●	35072311
0/600 mbar	direct	KP80 D311	●	35073311
0/1000 mbar	direct	KP80 D311	●	35074311

- in-stock items
- Non-stock items