



## Standard capsule pressure gauges KP100

Part no. 35111311

Standard capsule pressure gauges 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

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.  $\pm 0.6 \%/10 \text{ K}$

falling temperature approx.  $\pm 0.6 \%/10 \text{ K}$

of full scale value

#### Degree of protection

NG 100

IP 44 (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 <sup>1</sup> / <sub>4</sub> B	56,7	3,7	14
80	43,3	6	3	20	G <sup>1</sup> / <sub>2</sub> B	75,3	3,8	22
100	44	6	3	20	G <sup>1</sup> / <sub>2</sub> B	76	3,5	22

**Versions**

Range	Mounting type	Type	Part number
-600/+0 mbar	direct	KP100 D311	35111311

- in-stock items
- Non-stock items