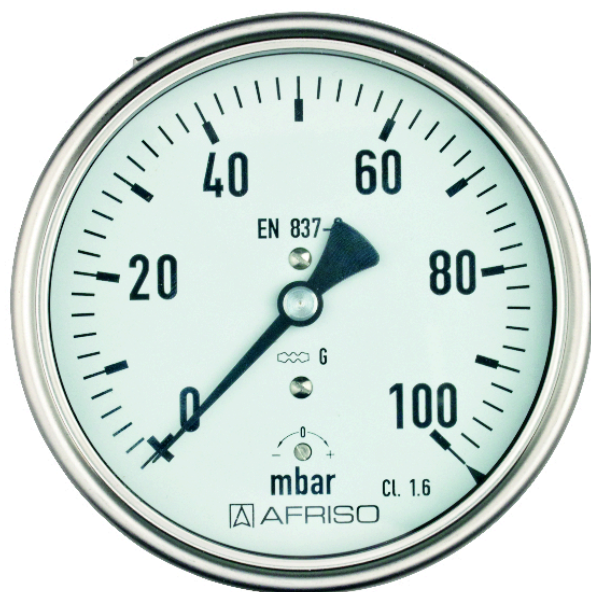




## Standard capsule pressure gauges KP100

Part no. 35108411

Standard capsule pressure gauges 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**  
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.  $\pm 0.6 \text{ } \%/10 \text{ K}$   
falling temperature approx.  $\pm 0.6 \text{ } \%/10 \text{ K}$   
of full scale value

**Degree of protection**  
NG 100  
IP 54 (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

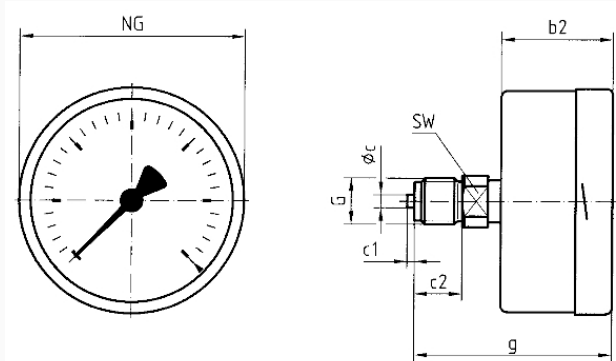
D411  
Instrument glass

### 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



#### Dimensions (mm)

| NG  | b2 | Øc | c1 | c2 | G                 | g  | SW |
|-----|----|----|----|----|-------------------|----|----|
| 63  | 37 | 5  | 2  | 13 | G $\frac{1}{4}$ B | 60 | 14 |
| 100 | 49 | 6  | 3  | 20 | G $\frac{1}{2}$ B | 81 | 22 |
| 160 | 50 | 6  | 3  | 20 | G $\frac{1}{2}$ B | 82 | 22 |

Versions

| Range        | Mounting type | Type          |                                                                                     | Part number |
|--------------|---------------|---------------|-------------------------------------------------------------------------------------|-------------|
| -160/+0 mbar | direct        | KP100<br>D411 |  | 35108411    |

-  in-stock items
-  Non-stock items