



## Capsule pressure gauges for chemical applications KP63Ch

Part no. 35018452

Capsule pressure gauge for chemical applications type D4

### benefits

- with zero correction
- robust stainless steel housing (with bayonet bezel)
- wetted parts and movement made of stainless steel
- GOSSTANDART-certified
- Ex version (optional)

### Application

For corrosive gaseous and dry media, also for use in corrosive environments.

### 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

### standard version

#### Connection

stainless steel 316 Ti/316 L, centre back

#### Measuring element

Capsule element, stainless steel 316 Ti/316 L

#### movement

Stainless steel

#### Zero correction

from the front

#### Operating temperature range

Medium: max. 100 °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.  $\pm 0.6 \text{ \%/10 K}$

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

of full scale value

#### Degree of protection

IP 32 (EN 60529)

#### Seal

FKM (Viton)

#### Dial

Aluminium, white

Scaling: black

#### Pointer

Aluminium, black

**Housing**  
Stainless steel 304

**bayonet bezel**  
Stainless steel 304

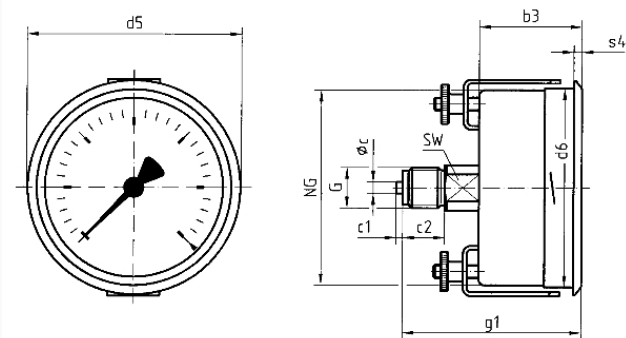
**window**  
D452  
Plastic (PMMA)

## Options

- back flange
- Panel mounting bezel
- 3-hole fixing, panel mounting bezel
- Ex version
- throttle screw
- 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 |
|-----------|---------------|----------------|-------------|
| 0/60 mbar | clamp fixing  | KP63Ch<br>D452 | 35018452    |

- in-stock items
- Non-stock items