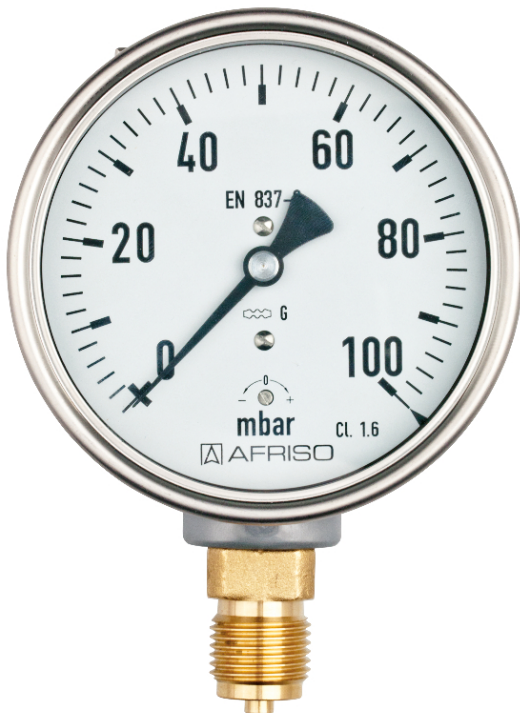




## Standard capsule pressure gauges KP100

**Part no. 35123401**

**Standard capsule pressure gauge 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)

### standard version

**Connection**

Brass, bottom

**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**

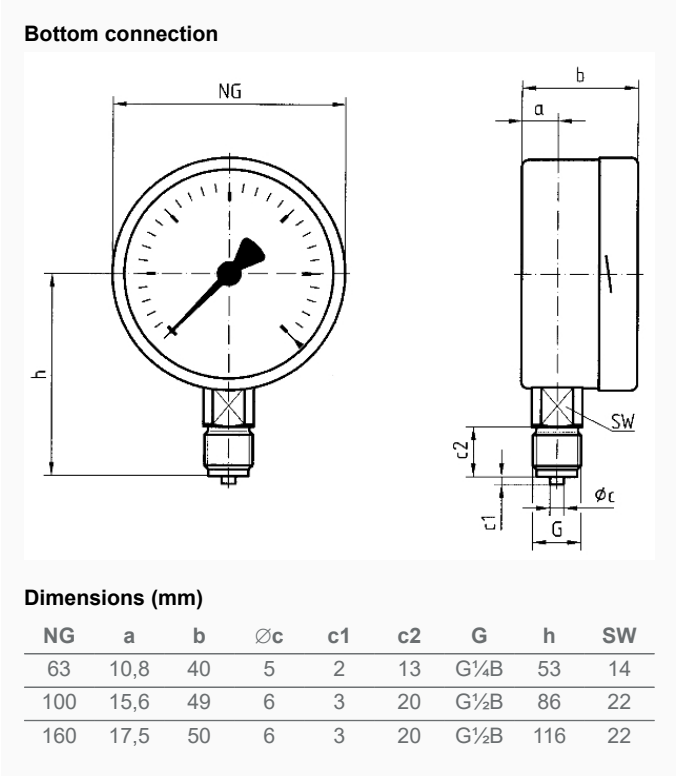
D401

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



Versions

| Range      | Mounting type | Type          | Part number |
|------------|---------------|---------------|-------------|
| 0/600 mbar | direct        | KP100<br>D401 | 35123401    |

-  in-stock items
-  Non-stock items