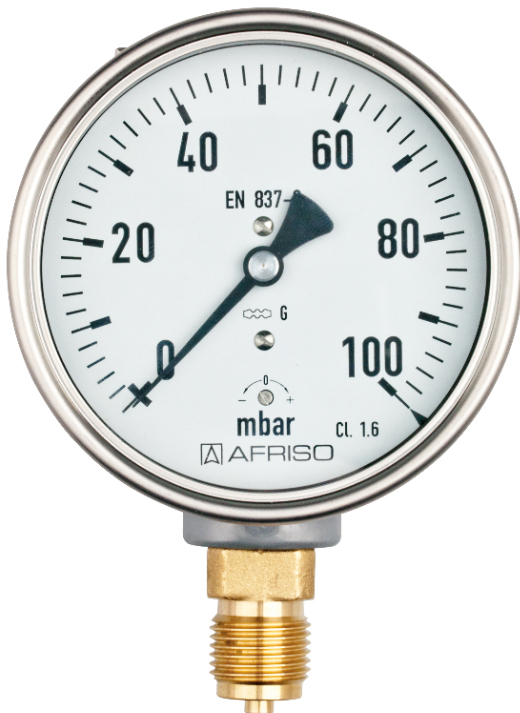




Standard capsule pressure gauges KP100

Part no. 35120401

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

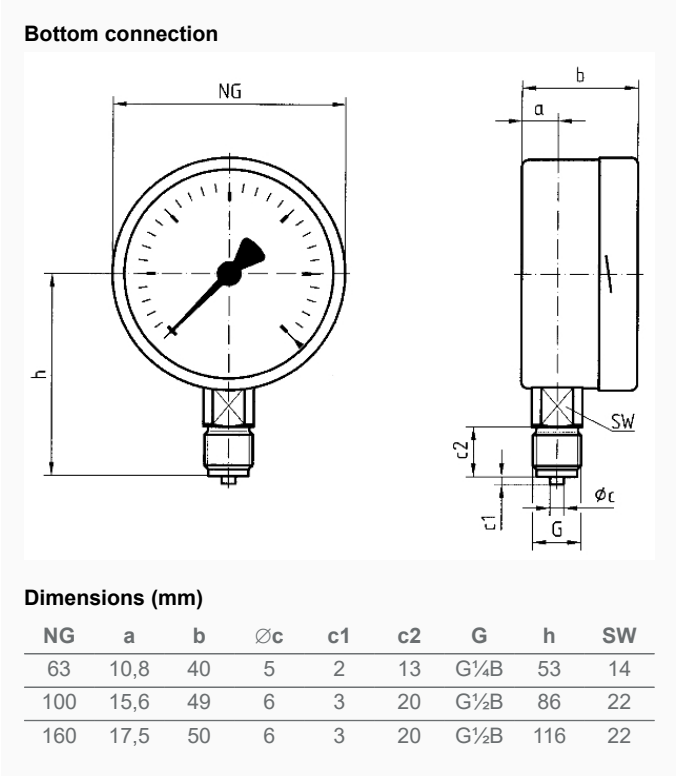
D401

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
0/160 mbar	direct	KP100 D401	35120401

-  in-stock items
-  Non-stock items