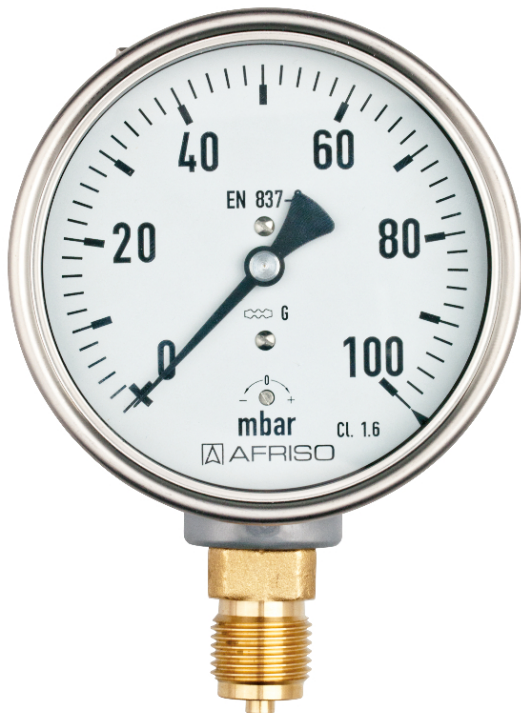




Standard capsule pressure gauge type D4

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

160

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

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

of full scale value

Degree of protection

NG 160

IP 33 (EN 60529)

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

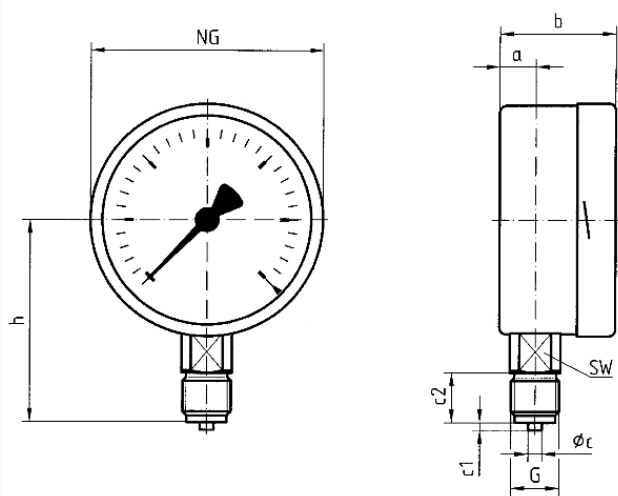
window
D401
Instrument glass

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

Bottom connection



Dimensions (mm)

NG	a	b	Øc	c1	c2	G	h	SW
63	10,8	40	5	2	13	G¼B	53	14
100	15,6	49	6	3	20	G½B	86	22
160	17,5	50	6	3	20	G½B	116	22

Versions

Range	Mounting type	Type		Part number
-25/+0 mbar	direct	KP160 D401	●	35154401
-40/+0 mbar	direct	KP160 D401	●	35155401
-60/+0 mbar	direct	KP160 D401	●	35156401
-100/+0 mbar	direct	KP160 D401	●	35157401
-160/+0 mbar	direct	KP160 D401	●	35158401
-250/+0 mbar	direct	KP160 D401	●	35159401
-400/+0 mbar	direct	KP160 D401	●	35160401
-600/+0 mbar	direct	KP160 D401	●	35161401
-1000/+0 mbar	direct	KP160 D401	●	35162401
0/25 mbar	direct	KP160 D401	●	35166401
0/40 mbar	direct	KP160 D401	●	35167401
0/60 mbar	direct	KP160 D401	●	35168401
0/100 mbar	direct	KP160 D401	●	35169401
0/160 mbar	direct	KP160 D401	●	35170401
0/250 mbar	direct	KP160 D401	●	35171401
0/400 mbar	direct	KP160 D401	●	35172401
0/600 mbar	direct	KP160 D401	●	35173401
0/1000 mbar	direct	KP160 D401	●	35174401

- in-stock items
- Non-stock items