Capsule pressure gauges for chemical applications KP160Ch

Part no. 35173402

Capsule pressure gauges 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
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. 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. ± 0.6 %/10 K
falling temperature approx. ± 0.6 %/10 K
of full scale value

Degree of protection
IP 32 (EN 60529)

Connection
stainless steel 316 Ti/316 L, bottom

Measuring element
Capsule element, stainless steel 316 Ti/316 L

movement
Stainless steel

Zero correction
from the front

Seal
FKM (Viton)

Dial
Aluminium, white
Scaling: black

Pointer
Aluminium, black

Housing
Stainless steel 304

bayonet bezel
Stainless steel 304

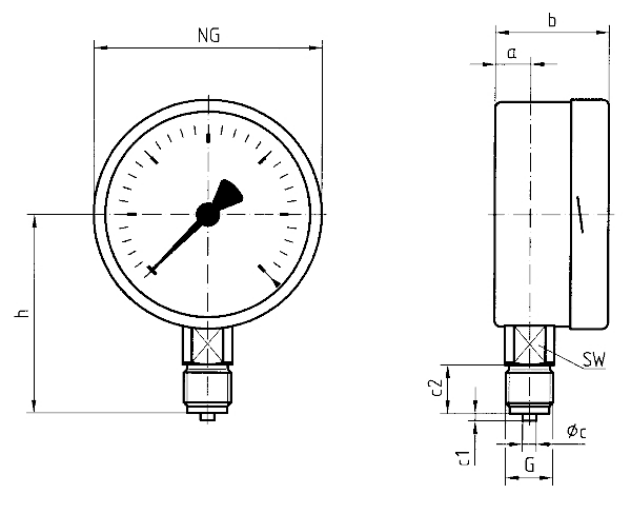
window
D402
Laminated safety glass

Options

- back flange
- Panel mounting bezel
- 3-hole fixing, panel mounting bezel
- Ex version
- throttle screw
- special scales
- other process connections

Technical Drawings

Bottom connection



Dimensions (mm)

NG	a	b	∅c	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
0/600 mbar	direct	KP160Ch D402		35173402

- in-stock items
- Non-stock items