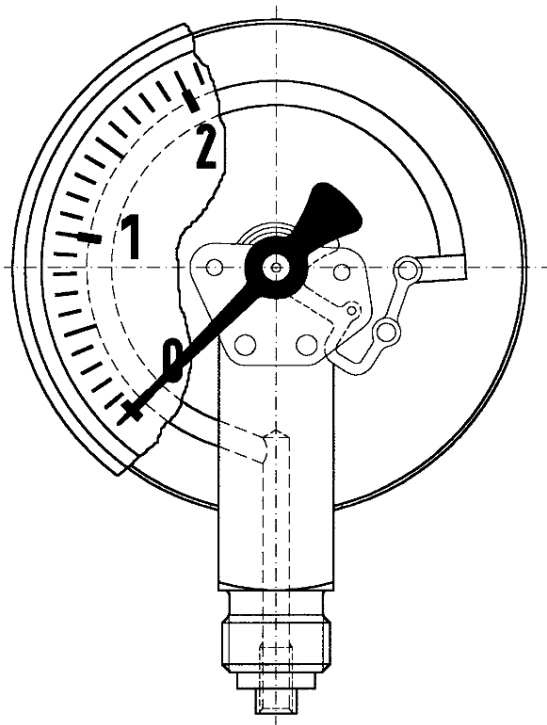




Standard Bourdon tube pressure gauge for gas applications type D3

benefits

- Version safety pressure gauge S2 as per EN 837-1
- dual scale for measurement of different media (option)
- rear blow-out
- many customised versions available

Application

For gaseous and liquid media which are not highly viscous and do not crystallise. Specially designed for gas technology devices, fittings and installations.

! For measuring gas or vapour, these gauges must be used in accordance with the table "Selection Criteria as per EN 837-2" (see appendix)!

Technical Specifications

Type

D3

Nominal size

50

Version

EN 837-1-S2

accuracy class (EN 837-1/6)

1.6

ranges (EN 837-1/5)

see ordering table

application area

static load: $\frac{3}{4}$ x full scale value
dynamic load: $\frac{2}{3}$ x full scale value
short-term: 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. ± 0.4 %/10 K
falling temperature approx. ± 0.4 %/10 K
of full scale value

Degree of protection

IP 32 (EN 60529)

Connection

D302

stainless steel 316 Ti/316 L

bottom

Measuring element

Bourdon tube
D302
stainless steel 316 Ti/316 L
≤ 40 bar: "C" type tube
> 40 bar: helical tube

movement

Brass

Dial

Aluminium, white
Scaling: black

Pointer

Aluminium, black

Housing

Stainless steel 304, with rear blow-out

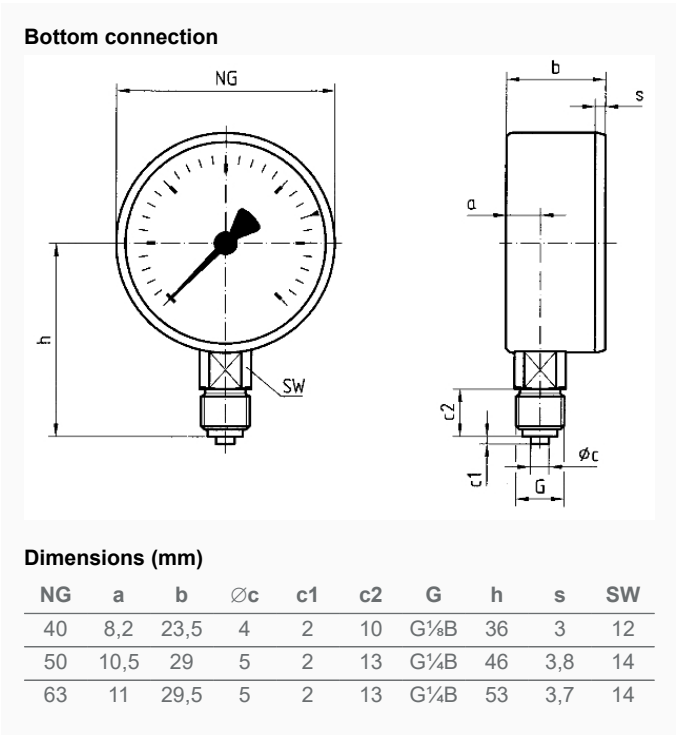
window

Plastic, snapped in

Options

- wetted parts stainless steel
- wetted parts oil-free and grease-free
- Helium leak test
- throttle screw
- special scales
- other connection threads

Technical Drawings



Versions

Range	Mounting type	Type		Part number
-1/+0 bar	direct	RF50GT D302	●	85051302GT
-1/+0.6 bar	direct	RF50GT D302	●	85052302GT
-1/+1.5 bar	direct	RF50GT D302	●	85053302GT
-1/+3 bar	direct	RF50GT D302	●	85054302GT
-1/+5 bar	direct	RF50GT D302	●	85055302GT
-1/+9 bar	direct	RF50GT D302	●	85056302GT
-1/+15 bar	direct	RF50GT D302	●	85057302GT
0/0.6 bar	direct	RF50GT D302	●	85059302GT
0/1 bar	direct	RF50GT D302	●	85060302GT
0/1.6 bar	direct	RF50GT D302	●	85061302GT
0/2.5 bar	direct	RF50GT D302	●	85062302GT
0/4 bar	direct	RF50GT D302	●	85063302GT
0/6 bar	direct	RF50GT D302	●	85064302GT
0/10 bar	direct	RF50GT D302	●	85065302GT
0/16 bar	direct	RF50GT D302	●	85066302GT
0/25 bar	direct	RF50GT D302	●	85067302GT
0/40 bar	direct	RF50GT D302	●	85068302GT
0/60 bar	direct	RF50GT D302	●	85069302GT

0/100 bar	direct	RF50GT D302	●	85070302GT
0/160 bar	direct	RF50GT D302	●	85071302GT
0/250 bar	direct	RF50GT D302	●	85072302GT
0/400 bar	direct	RF50GT D302	●	85073302GT
0/315 bar	direct	RF50GT D302	●	85079302GT

- in-stock items
- Non-stock items