



Bourdon tube safety pressure gauge type D4

benefits

- Safety housing S3 as per EN 837-1/9.7.2
- measuring system fully welded to housing
- tightness-tested with helium
- DNV- and GOSSTANDART-certified
- Ex version (optional)

Application

For corrosive gaseous and liquid media which are not highly viscous and do not crystallise; suitable for corrosive environments. This gauge is designed for applications as per EN 837-1/9.7.2.

Technical Specifications

Type
D4

Nominal size
63

accuracy class
EN 837-1/6
NG 63
1.6

ranges (EN 837-1/5)
see ordering table

Operating temperature range
Medium: max. 100 °C
Ambient: -20/+60 °C

Degree of protection
IP 54 (EN 60529)

Connection
Stainless steel 316 L, bottom

Measuring element
Bourdon tube
stainless steel 316 Ti/316 L
≤ 60 bar: "C" type tube
> 60 bar: helical tube
tightness-tested with helium

movement
Stainless steel

Dial
Aluminium, white
Scaling: black

Pointer
Aluminium, black

Housing

Stainless steel 304, with solid baffle wall and blow-out (S3)

window

Laminated safety glass

bayonet bezel

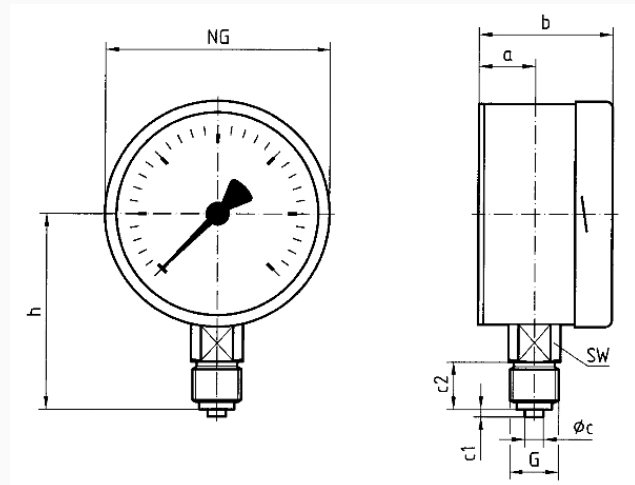
Stainless steel 304

Options

- Glycerine filling (bottom version type D8)
- 3-hole fixing, panel mounting bezel
- Ex version
- special scales
- other process connections

Technical Drawings

NG 63 – bottom connection



Dimensions (mm)

NG	a	b	Øc	c1	c2	G	h	SW
63	18	41	5	2	13	G $\frac{1}{4}$ B	53	14

Versions

Range	Mounting type	Type		Part number
-1/+0 bar	direct	RF63Si D402	●	85401402
-1/+0.6 bar	direct	RF63Si D402	●	85402402
-1/+1.5 bar	direct	RF63Si D402	●	85403402
-1/+3 bar	direct	RF63Si D402	●	85404402
-1/+5 bar	direct	RF63Si D402	●	85405402
-1/+9 bar	direct	RF63Si D402	●	85406402
-1/+15 bar	direct	RF63Si D402	●	85407402
0/0.6 bar	direct	RF63Si D402	●	85409402
0/1 bar	direct	RF63Si D402	●	85410402
0/1.6 bar	direct	RF63Si D402	●	85411402
0/2.5 bar	direct	RF63Si D402	●	85412402
0/4 bar	direct	RF63Si D402	●	85413402
0/6 bar	direct	RF63Si D402	●	85414402
0/10 bar	direct	RF63Si D402	●	85415402
0/16 bar	direct	RF63Si D402	●	85416402
0/25 bar	direct	RF63Si D402	●	85417402
0/40 bar	direct	RF63Si D402	●	85418402
0/60 bar	direct	RF63Si D402	●	85419402
0/100 bar	direct	RF63Si D402	●	85420402
0/160 bar	direct	RF63Si D402	●	85421402
D402				
Industrial technology / Mechanical pressure measuring instruments / RF63Si D402				3 / 3
0/400 bar	direct	RF63Si D402	●	85423402