



Bourdon tube safety pressure gauges RF63Si

Part no. 85411402

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, ≤ 400 bar
1.6

standard version

Connection
Stainless steel 316 L, bottom

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)

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

Options

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

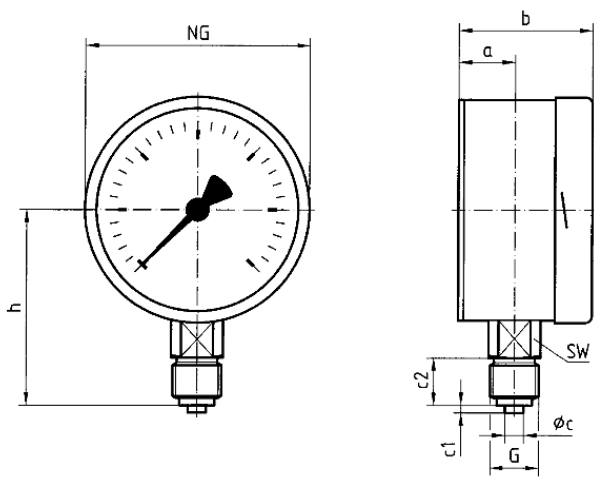
Housing
Stainless steel 304, with solid baffle wall and blow-out (S3)

bayonet bezel
Stainless steel 304

window
Laminated safety glass

Technical Drawings

NG 63 – bottom connection



Dimensions (mm)

NG	a	b	Øc	c1	c2	G	h	SW
63	18	41	5	2	13	G ¹ / ₄ B	53	14

Versions

Range	Mounting type	Type	Part number
0/1.6 bar	direct	RF63Si D402	85411402

- in-stock items
- Non-stock items