



Bourdon tube safety pressure gauges RF63Si

Part no. 85417432

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

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)

standard version

Connection

Stainless steel 316 L, bottom back

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)

bayonet bezel
Stainless steel 304

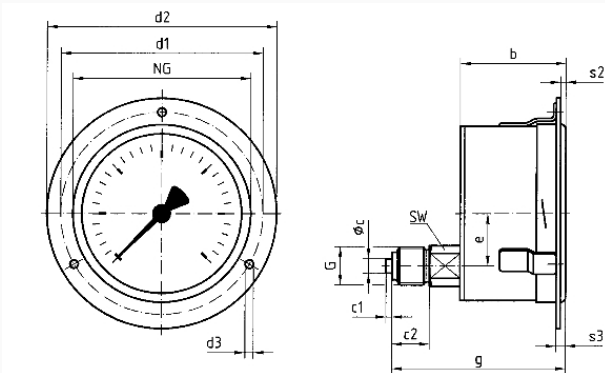
window
Laminated safety glass

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 back connection, 3-hole fixing, panel mounting bezel



Dimensions (mm)

NG	b	Øc	c1	c2	d1	d2	d3	e	G	g	s2	s3	SW
63	41	5	2	13	75	85	3,6	18	G1/4B	60	3	5	14

Versions

Range	Mounting type	Type	Part number
0/25 bar	3-hole fixing, panel mounting bezel	RF63Si D432	85417432

- in-stock items
- Non-stock items