



## Bourdon tube safety pressure gauges RF63Si

Part no. 85410432

Bourdon tube safety pressure gauges 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)

#### 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

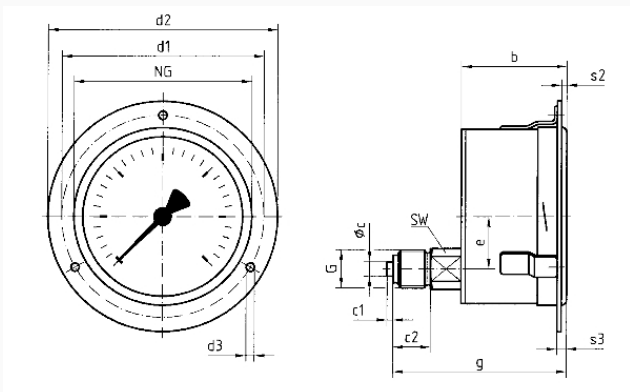
**window**  
Laminated safety glass

## 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 | G¼B | 60 | 3  | 5  | 14 |

## Versions

| Range   | Mounting type                       | Type           | Part number |
|---------|-------------------------------------|----------------|-------------|
| 0/1 bar | 3-hole fixing, panel mounting bezel | RF63Si<br>D432 | 85410432    |

- in-stock items
- Non-stock items