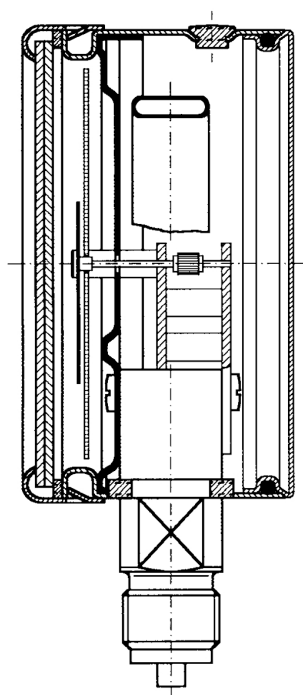




## Bourdon tube safety pressure gauges RF63Si

Part no. 85421412

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

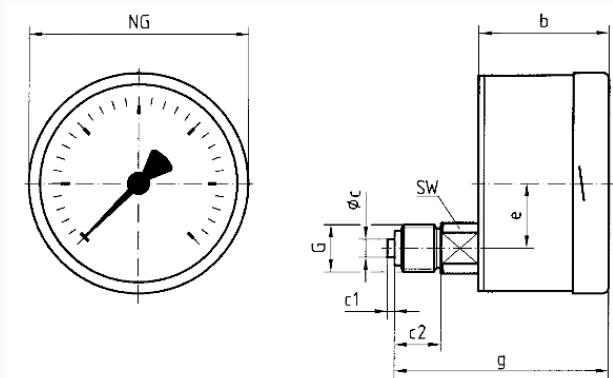
**window**  
Laminated safety glass

## 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**



**Dimensions (mm)**

| NG | b  | $\phi c$ | c1 | c2 | e  | G                 | g  | SW |
|----|----|----------|----|----|----|-------------------|----|----|
| 63 | 41 | 5        | 2  | 13 | 18 | G $\frac{1}{4}$ B | 60 | 14 |

## Versions

| Range     | Mounting type | Type           | Part number |
|-----------|---------------|----------------|-------------|
| 0/160 bar | direct        | RF63Si<br>D412 | 85421412    |

- in-stock items
- Non-stock items