



## Bourdon tube safety pressure gauges RF63Si

**Part no. 85406432**

**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**

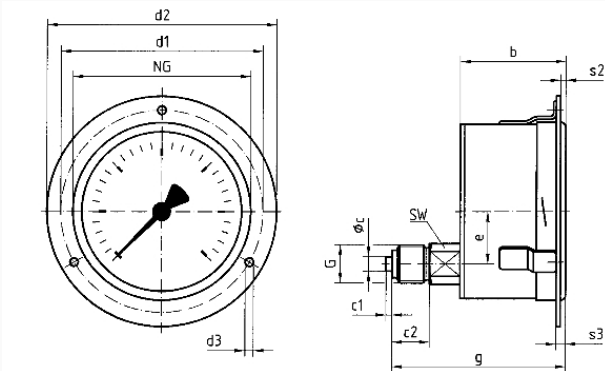
Laminated safety glass

**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 |
|-----------|-------------------------------------|----------------|-------------|
| -1/+9 bar | 3-hole fixing, panel mounting bezel | RF63Si<br>D432 | 85406432    |

- in-stock items
- Non-stock items