



## Bourdon tube safety pressure gauges RF63Si

**Part no. 85423402**

**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

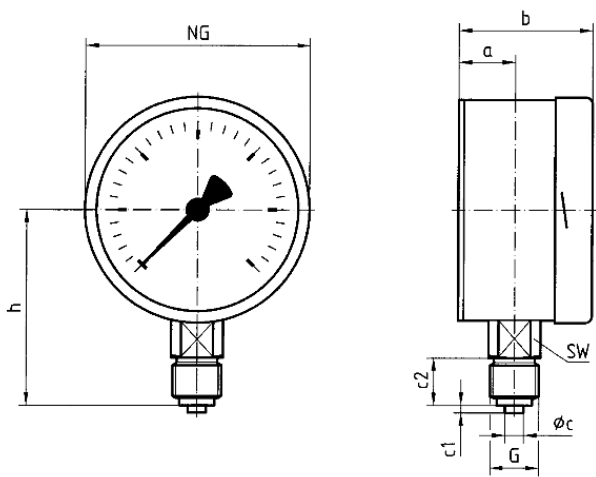
**Housing**  
Stainless steel 304, with solid baffle wall and blow-out (S3)

**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 <sup>1</sup> / <sub>4</sub> B | 53 | 14 |

## Versions

| Range     | Mounting type | Type           | Part number |
|-----------|---------------|----------------|-------------|
| 0/400 bar | direct        | RF63Si<br>D402 | 85423402    |

- in-stock items
- Non-stock items