



## Bourdon tube safety pressure gauges RF63Si

**Part no. 85416402**

**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

### 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

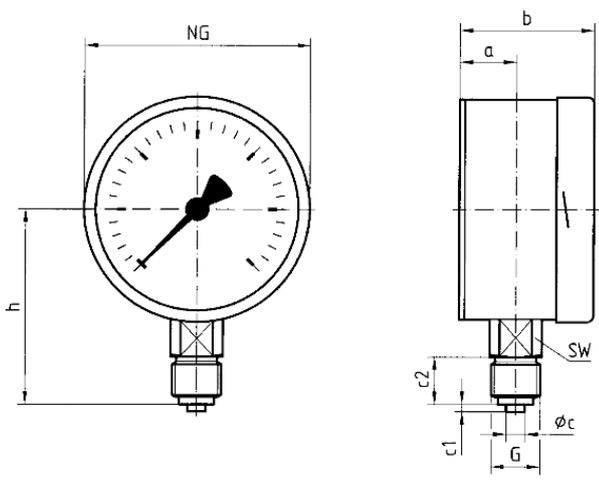
**window**  
Laminated safety glass

**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 connection**



**Dimensions (mm)**

NG	a	b	∅c	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
0/16 bar	direct	RF63Si D402	85416402

- in-stock items
- Non-stock items