



## Bourdon tube safety pressure gauges RF63Si

**Part no. 85412412**

**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,  $\leq 400$  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

$\leq 60$  bar: "C" type tube

$> 60$  bar: helical tube

tightness-tested with helium

**movement**  
Stainless steel

**Dial**  
Aluminium, white  
Scaling: black

**Pointer**  
Aluminium, black

**Options**

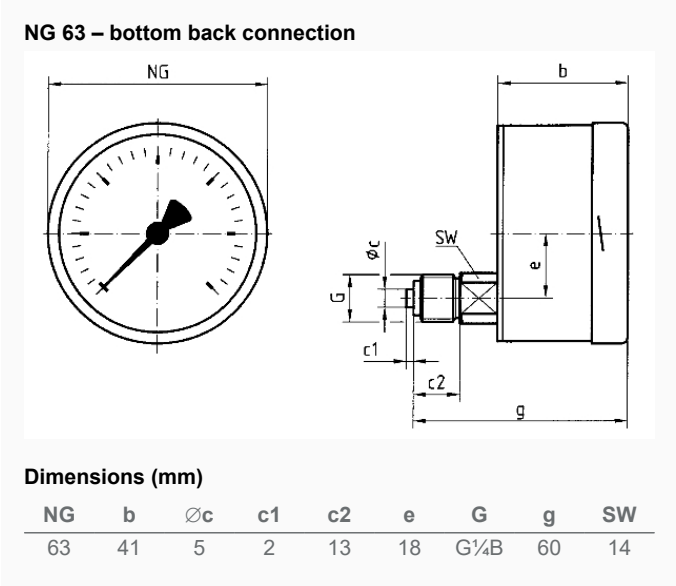
- Glycerine filling (bottom version type D8)
- 3-hole fixing, panel mounting bezel
- Ex version
- special scales
- other process connections

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

**bayonet bezel**  
Stainless steel 304

**window**  
Laminated safety glass

**Technical Drawings**



**Versions**

| Range     | Mounting type | Type           | Part number |
|-----------|---------------|----------------|-------------|
| 0/2.5 bar | direct        | RF63Si<br>D412 | 85412412    |

- in-stock items
- Non-stock items