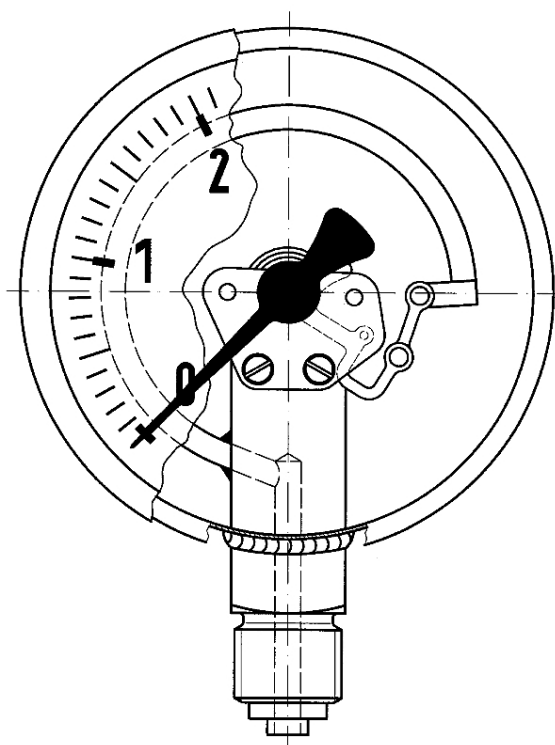




## Stainless steel Bourdon tube pressure gauges RF40E

Part no. 85020302

Stainless steel Bourdon tube pressure gauge type D3

### benefits

- extremely compact design
- wetted parts and movement made of stainless steel
- Pressure connection welded to housing
- optional for control cabinet mounting
- tightness-tested with helium
- GOSSTANDART-certified

### Application

For corrosive gaseous and liquid media which are not highly viscous and do not crystallise.

! For measuring gas or vapour, observe the table "Selection Criteria as per EN 837-2" (see appendix)!

### Technical Specifications

#### Type

D3

#### Nominal size

40

#### accuracy class (EN 837-1/6)

2.5

#### ranges (EN 837-1/5)

see ordering table

#### application area

static load:  $\frac{3}{4}$  x full scale value

dynamic load:  $\frac{2}{3}$  x full scale value

short-term: Full scale value

#### Operating temperature range

Medium: max. 100 °C

Ambient: -20/+60 °C

#### Temperature performance

Indication error when the temperature of the measuring system deviates from the normal temperature of 20 °C:

at rising temperature approx.  $\pm 0.4$  %/10 K

falling temperature approx.  $\pm 0.4$  %/10 K

of full scale value

#### Degree of protection

IP 32 (EN 60529)

### standard version

#### Connection

Stainless steel 316 L, bottom

#### Measuring element

Bourdon tube, Stainless steel 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

#### window

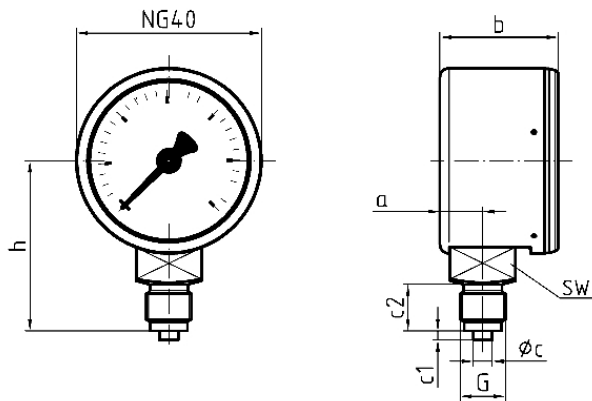
Plastic, clipped in

### Options

- 3-hole fixing, panel mounting bezel
- special scales
- other process connections
- oil- and grease-free version

### Technical Drawings

NG 40 – bottom connection G $\frac{1}{8}$



Dimensions (mm)

| NG | a   | b    | øc | c1 | c2 | G                 | h    | SW |
|----|-----|------|----|----|----|-------------------|------|----|
| 40 | 9,2 | 25,5 | 4  | 2  | 10 | G $\frac{1}{8}$ B | 36,5 | 14 |

### Versions

| Range     | Mounting type | Type          | Part number |
|-----------|---------------|---------------|-------------|
| 0/100 bar | direct        | RF40E<br>D302 | 85020302    |

- in-stock items
- Non-stock items