

## Stainless steel Bourdon tube pressure gauges RF40E

Part no. 85018302

Stainless steel Bourdon tube pressure gauges 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:  $\frac{3}{5}$  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.  $\pm 0.4\% / 10\text{ K}$   
falling temperature approx.  $\pm 0.4\% / 10\text{ K}$   
of full scale value

Degree of protection  
IP 32 (EN 60529)

Connection  
Stainless steel 316 L, bottom

Measuring element  
Bourdon tube, Stainless steel 316 L  
 $\leq 60\text{ bar}$ : "C" type tube  
 $> 60\text{ bar}$ : helical tube  
tightness-tested with helium

movement  
Stainless steel

**Dial**

Aluminium, white  
Scaling: black

**Pointer**

Aluminium, black

**Options**

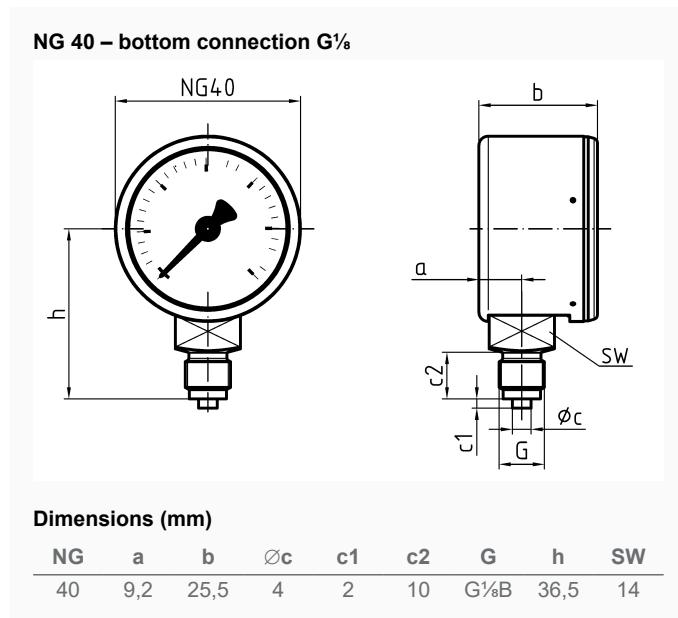
- 3-hole fixing, panel mounting bezel
- special scales
- other process connections
- oil- and grease-free version

**Housing**

Stainless steel 304

**window**

Plastic, clipped in

**Technical Drawings**

**Versions**

Range	Mounting type	Type	Part number
0/40 bar	direct	RF40E D302	85018302

● in-stock items

● Non-stock items