



## Glycerine filled Bourdon tube pressure gauges RF40Gly

Part no. 85012611

Glycerine filled Bourdon tube pressure gauge type D6

### benefits

- can be used in case of heavy vibrations and high, dynamic pressure loads
- longer service life due to less wear and corrosion protection of the measuring system
- No steaming up of the inside of the window in case of outdoor applications

### Application

For gaseous and liquid media which are not highly viscous, do not crystallise and do not attack copper alloys. For measurements in areas with high vibration levels and high, dynamic pressure loads.

### Technical Specifications

#### Type

D6

#### Nominal size

40

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

1.6

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

see ordering table

#### standard version

##### Connection

Brass, centre back

##### Measuring element

Bourdon tube, Copper alloy

≤ 60 bar: "C" type tube

> 60 bar: helical tube

##### movement

Brass

#### 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. 60 °C

Ambient: -20/+60 °C

#### Degree of protection

IP 54 (EN 60529) with housing vent (≤ 25 bar)

#### Dial

NG 40

Plastic, white

Scaling: black

#### Pointer

NG 40

Plastic, black

### Housing

NG 40  
Plastic (ABS), black  
with blow-out

### crimped bezel

NG 40

### window

NG 40  
Plastic, with housing ultrasonically welded

### filling liquid

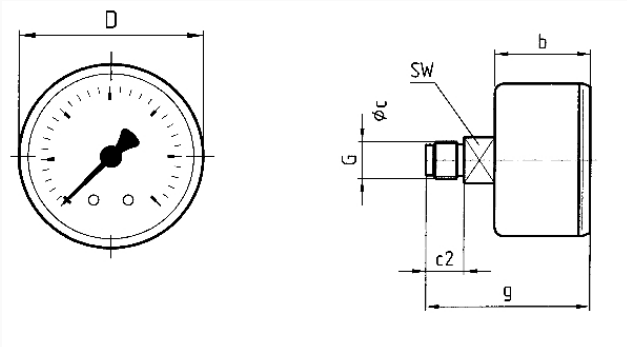
glycerine (99.5 %)

## Options

- Back flange (NG 63)
- clamp fixing (NG 50/63)
- 3-hole fixing, panel mounting bezel (NG 63)
- throttle screw
- special scales
- other process connections

## Technical Drawings

NG 40 – centre back connection



Dimensions (mm)

| NG | b  | $\phi c$ | c2 | D  | G                 | g  | SW |
|----|----|----------|----|----|-------------------|----|----|
| 40 | 25 | 4        | 10 | 40 | G $\frac{1}{8}$ B | 43 | 12 |

## Versions

| Range     | Mounting type | Type            | Part number |
|-----------|---------------|-----------------|-------------|
| 0/2.5 bar | direct        | RF40Gly<br>D611 | 85012611    |

- in-stock items
- Non-stock items