



## Glycerine filled Bourdon tube pressure gauges RF50Gly

Part no. 85071611

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

50

#### 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 65 (EN 60529)

#### Dial

NG 50

Aluminium, white

Scaling: black

#### Pointer

NG 50

Aluminium, black

### Housing

NG 50  
Polyamide, black  
with blow-out

### crimped bezel

NG 50  
Aluminium, black

### window

NG 50  
Plastic

### filling liquid

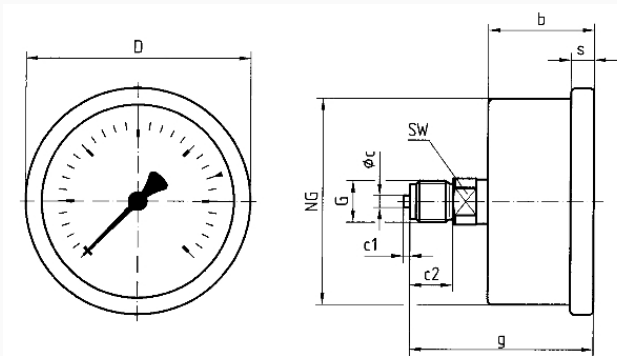
glycerine (99.5 %)

### 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 50/63 – centre back connection**



**Dimensions (mm)**

| NG | b    | Øc | c1 | c2 | D  | G   | g    | s | SW |
|----|------|----|----|----|----|-----|------|---|----|
| 50 | 31,5 | 5  | 2  | 13 | 53 | G½B | 54,5 | 5 | 14 |
| 63 | 32   | 5  | 2  | 13 | 68 | G½B | 55   | 7 | 14 |

### Versions

| Range     | Mounting type | Type            | Part number |
|-----------|---------------|-----------------|-------------|
| 0/160 bar | direct        | RF50Gly<br>D611 | 85071611    |

- in-stock items
- Non-stock items