



## Glycerine filled Bourdon tube pressure gauges RF63Gly

**Part no. 85104611**

**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

63

#### 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 63

Aluminium, white

Scaling: black

#### Pointer

NG 63

Aluminium, black

### Housing

NG 63  
Polyamide, black  
with blow-out

### crimped bezel

NG 63  
Aluminium, black

### 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

### window

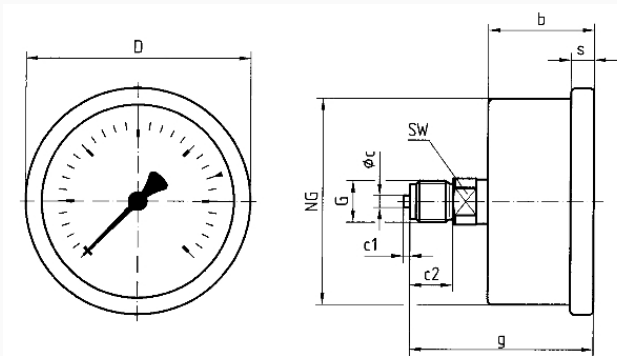
NG 63  
Plastic

### filling liquid

glycerine (99.5 %)

## 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 | G¼B | 54,5 | 5 | 14 |
| 63 | 32   | 5  | 2  | 13 | 68 | G¼B | 55   | 7 | 14 |

## Versions

| Range     | Mounting type | Type            | Part number |
|-----------|---------------|-----------------|-------------|
| -1/+3 bar | direct        | RF63Gly<br>D611 | 85104611    |

- in-stock items
- Non-stock items