



## Glycerine filled Bourdon tube pressure gauges RF63Gly

Part no. 85101601

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, bottom

### application area

static load:  $\frac{1}{4}$  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 ( $\leq 25$  bar)

### Measuring element

Bourdon tube, Copper alloy  
 $\leq 60$  bar: "C" type tube  
> 60 bar: helical tube

#### movement

Brass

#### 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

#### window

NG 63

Plastic

#### filling liquid

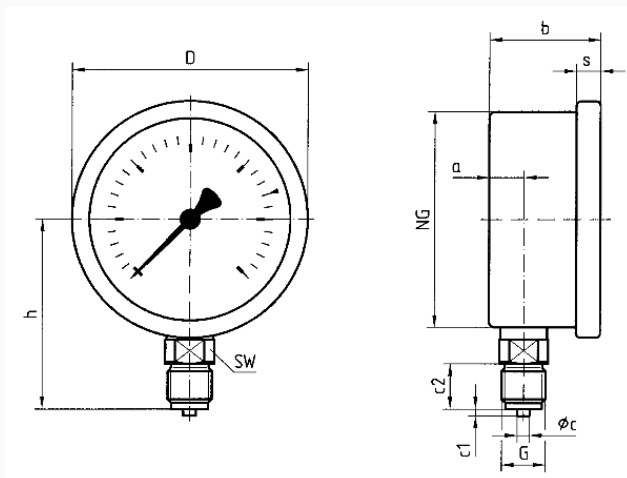
glycerine (99.5 %)

### 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 – bottom connection



Dimensions (mm)

| NG | a  | b    | Øc | c1 | c2 | D  | G                 | h  | s | SW |
|----|----|------|----|----|----|----|-------------------|----|---|----|
| 50 | 12 | 31,5 | 5  | 2  | 13 | 53 | G $\frac{1}{4}$ B | 47 | 5 | 14 |
| 63 | 10 | 32   | 5  | 2  | 13 | 68 | G $\frac{1}{4}$ B | 53 | 7 | 14 |

Versions

| Range     | Mounting type | Type            |                                                                                     | Part number |
|-----------|---------------|-----------------|-------------------------------------------------------------------------------------|-------------|
| -1/+0 bar | direct        | RF63Gly<br>D601 |  | 85101601    |

-  in-stock items
-  Non-stock items