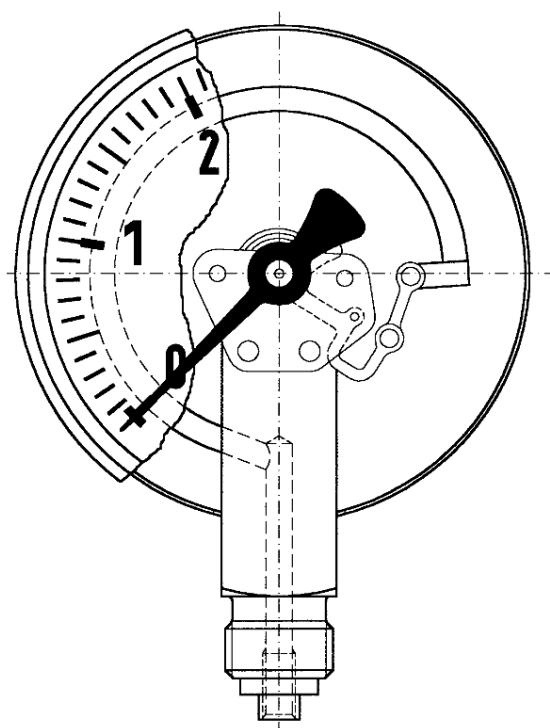




## Glycerine filled Bourdon tube pressure gauge type D6

### 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

**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

**Connection**  
Brass, centre back

**Measuring element**  
Bourdon tube, Copper alloy  
≤ 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

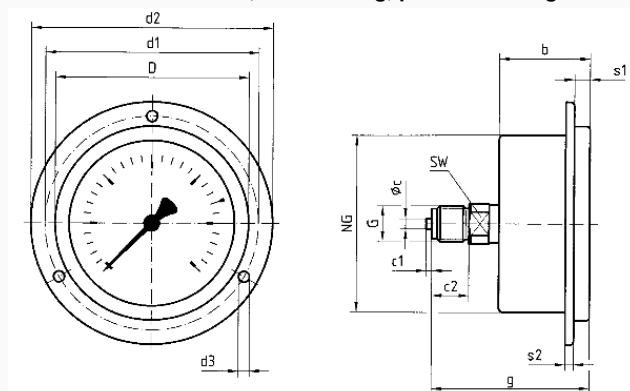
glycerine (99.5 %)

## 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

Centre back connection, 3-hole fixing, panel mounting bezel



Dimensions (mm)

| NG | b  | Øc | c1 | c2 | d1 | d2 | d3  | D  | G       | g  | s1  | s2 | SW |
|----|----|----|----|----|----|----|-----|----|---------|----|-----|----|----|
| 63 | 32 | 5  | 2  | 13 | 75 | 85 | 3,6 | 68 | G 1/4 B | 55 | 5,5 | 3  | 14 |

## Versions

| Range       | Mounting type                       | Type         |   | Part number |
|-------------|-------------------------------------|--------------|---|-------------|
| -1/+0 bar   | 3-hole fixing, panel mounting bezel | RF63Gly D621 | ● | 85101621    |
| -1/+0.6 bar | 3-hole fixing, panel mounting bezel | RF63Gly D621 | ● | 85102621    |
| -1/+1.5 bar | 3-hole fixing, panel mounting bezel | RF63Gly D621 | ● | 85103621    |
| 0/0.6 bar   | 3-hole fixing, panel mounting bezel | RF63Gly D621 | ● | 85109621    |
| 0/1 bar     | 3-hole fixing, panel mounting bezel | RF63Gly D621 | ● | 85110621    |
| 0/1.6 bar   | 3-hole fixing, panel mounting bezel | RF63Gly D621 | ● | 85111621    |
| 0/2.5 bar   | 3-hole fixing, panel mounting bezel | RF63Gly D621 | ● | 85112621    |
| 0/4 bar     | 3-hole fixing, panel mounting bezel | RF63Gly D621 | ● | 85113621    |
| 0/6 bar     | 3-hole fixing, panel mounting bezel | RF63Gly D621 | ● | 85114621    |
| 0/10 bar    | 3-hole fixing, panel mounting bezel | RF63Gly D621 | ● | 85115621    |
| 0/16 bar    | 3-hole fixing, panel mounting bezel | RF63Gly D621 | ● | 85116621    |
| 0/25 bar    | 3-hole fixing, panel mounting bezel | RF63Gly D621 | ● | 85117621    |
| 0/40 bar    | 3-hole fixing, panel mounting bezel | RF63Gly D621 | ● | 85118621    |
| 0/60 bar    | 3-hole fixing, panel mounting bezel | RF63Gly D621 | ● | 85119621    |
| 0/100 bar   | 3-hole fixing, panel mounting bezel | RF63Gly D621 | ● | 85120621    |
| 0/160 bar   | 3-hole fixing, panel mounting bezel | RF63Gly D621 | ● | 85121621    |
| 0/250 bar   | 3-hole fixing, panel mounting bezel | RF63Gly D621 | ● | 85122621    |
| 0/400 bar   | 3-hole fixing, panel mounting bezel | RF63Gly D621 | ● | 85123621    |

- in-stock items
- Non-stock items