# Glycerine filled Bourdon tube pressure gauges RF63Gly

## Part no. 85116711

## Glycerine filled Bourdon tube pressure gauge type D7

**benefits**

- robust stainless steel housing
- 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**
D7

**Nominal size**
63

**accuracy class (EN 837-1/6)**
1.6

**ranges (EN 837-1/5)**
see ordering table

**application area**
static load: ¾ x full scale value
dynamic load: ⅔ 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)

### standard version

**Connection**
Brass, centre back

**Measuring element**
Bourdon tube
≤ 60 bar: "C" type tube
> 60 bar: helical tube

**movement**
Brass

**Dial**
Aluminium, white
RF63Gly
dual scale, bar outer, black – psi inner, red

**Pointer**
Aluminium, black

**Housing**
Stainless steel 304, with blow-out

**crimped bezel**
Stainless steel 304

**window**
Plastic

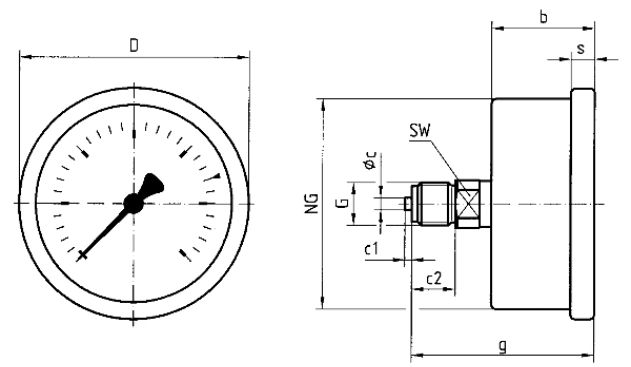
**filling liquid**
glycerine (99.5 %)

## Options

- Filling liquid silicone oil
- Back flange (NG 63/80/100)
- clamp fixing
- 3-hole fixing, panel mounting bezel
- crimped bezel polished
- measuring system stainless steel (up to 1,000 bar, NG 80/100)
- special scales
- Clip reference pointer, red, adjustable (NG 63)
- throttle screw
- other process connections

## Technical Drawings

**NG 50/63 – centre back connection**




**Dimensions (mm)**

| NG | b | ∅c | c1 | c2 | D | G | g | s | SW |
|---|---|---|---|---|---|---|---|---|---|
| 50 | 28 | 5 | 2 | 13 | 53 | G¼B | 51 | 4,5 | 14 |
| 63 | 30,5 | 5 | 2 | 13 | 68 | G¼B | 53,3 | 7 | 14 |

## Versions

| Range | Mounting type | Type | | Part number |
|---|---|---|---|---|
| 0/16 bar | direct | RF63Gly D711 | ● | 85116711 |

● in-stock items

○ Non-stock items