

## Glycerine filled Bourdon tube pressure gauges RF50Gly

Part no. 85072641

Glycerine filled Bourdon tube pressure gauges 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

#### 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)

#### Connection

Brass, centre back

#### Measuring element

Bourdon tube, Copper alloy  
≤ 60 bar: "C" type tube  
> 60 bar: helical tube

#### movement

Brass

#### 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

### 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

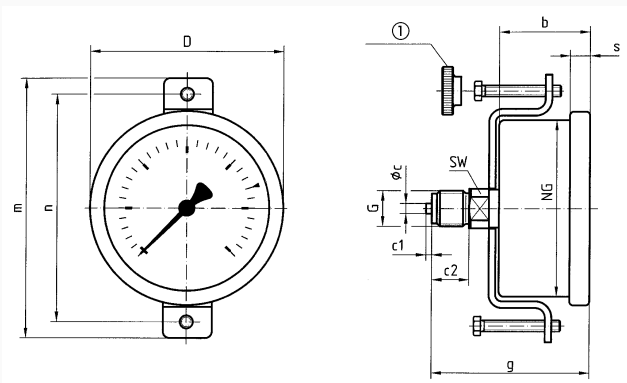
NG 50  
Plastic

### filling liquid

glycerine (99.5 %)

## Technical Drawings

Centre back connection, with clamp fixing



Dimensions (mm)

NG	b	Øc	c1	c2	D	G	g	m	n	s	SW
50	31,5	5	2	13	53	G $\frac{1}{4}$ B	54,5	82	73	5	14
63	32	5	2	13	68	G $\frac{1}{4}$ B	55	94	82	7	14

## Versions

Range	Mounting type	Type	Part number
0/250 bar	clamp fixing	RF50Gly D641	85072641

- in-stock items
- Non-stock items