

## 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:  $\frac{3}{5}$  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  
 $\leq 60$  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

**window**

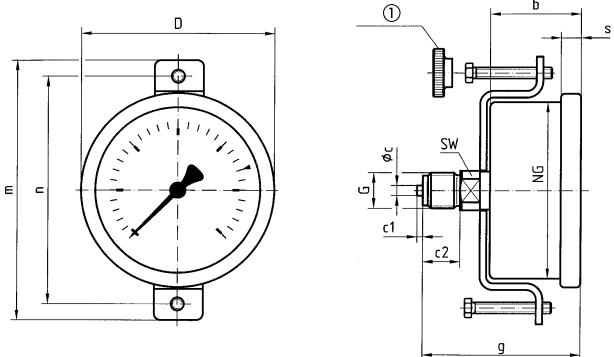
NG 50  
Plastic

**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, with clamp fixing**

**Dimensions (mm)**

NG	b	$\varnothing$ c	c1	c2	D	G	g	m	n	s	SW
50	31,5	5	2	13	53	G 1/4 B	54,5	82	73	5	14
63	32	5	2	13	68	G 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