



## Glycerine filled Bourdon tube pressure gauges RF50Gly

Part no. 85057601

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 54 (EN 60529) with housing vent ( $\leq 25$  bar)

**Connection**

Brass, bottom

**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

**window**

NG 50  
Plastic

**crimped bezel**

NG 50  
Aluminium, black

**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	G1/4B	47	5	14
63	10	32	5	2	13	68	G1/4B	53	7	14

**Versions**

Range	Mounting type	Type	Part number
-1/+15 bar	direct	RF50Gly D601	85057601

- in-stock items
- Non-stock items