



Glycerine filled Bourdon tube pressure gauges RF63Gly

Part no. 85102621

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

standard version

Connection

Brass, centre back

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 (≤ 25 bar)

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

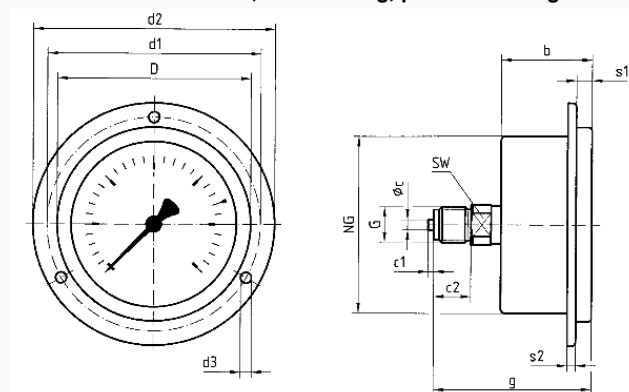
glycerine (99.5 %)

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/+0.6 bar	3-hole fixing, panel mounting bezel	RF63Gly D621	85102621

- in-stock items
- Non-stock items