

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

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

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

window

NG 50

Plastic

filling liquid

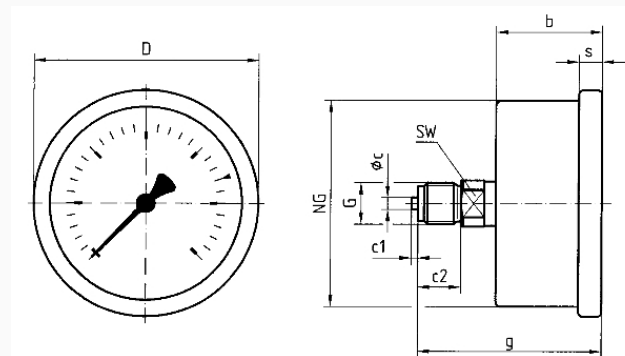
glycerine (99.5 %)

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

NG 50/63 – centre back connection



Dimensions (mm)

NG	b	Øc	c1	c2	D	G	g	s	SW
50	31,5	5	2	13	53	G1/4B	54,5	5	14
63	32	5	2	13	68	G1/4B	55	7	14

Versions

Range	Mounting type	Type		Part number
-1/+0 bar	direct	RF50Gly D611	●	85051611
-1/+0.6 bar	direct	RF50Gly D611	●	85052611
-1/+1.5 bar	direct	RF50Gly D611	●	85053611
-1/+3 bar	direct	RF50Gly D611	●	85054611
-1/+5 bar	direct	RF50Gly D611	●	85055611
-1/+9 bar	direct	RF50Gly D611	●	85056611
-1/+15 bar	direct	RF50Gly D611	●	85057611
0/0.6 bar	direct	RF50Gly D611	●	85059611
0/1 bar	direct	RF50Gly D611	●	85060611
0/1.6 bar	direct	RF50Gly D611	●	85061611
0/2.5 bar	direct	RF50Gly D611	●	85062611
0/4 bar	direct	RF50Gly D611	●	85063611
0/6 bar	direct	RF50Gly D611	●	85064611
0/10 bar	direct	RF50Gly D611	●	85065611
0/16 bar	direct	RF50Gly D611	●	85066611
0/25 bar	direct	RF50Gly D611	●	85067611
0/40 bar	direct	RF50Gly D611	●	85068611
0/60 bar	direct	RF50Gly D611	●	85069611

0/100 bar	direct	RF50Gly D611	●	85070611
0/160 bar	direct	RF50Gly D611	●	85071611
0/250 bar	direct	RF50Gly D611	●	85072611
0/400 bar	direct	RF50Gly D611	●	85073611

- in-stock items
- Non-stock items