



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, bottom

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

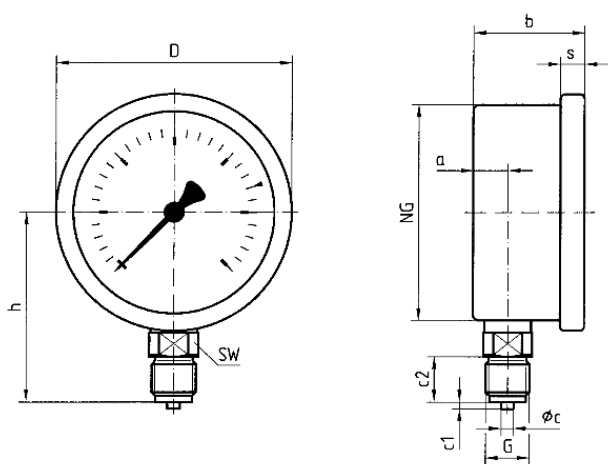
glycerine (99.5 %)

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 – bottom connection



Dimensions (mm)

NG	a	b	Øc	c1	c2	D	G	h	s	SW
50	12	31,5	5	2	13	53	G ¹ / ₄ B	47	5	14
63	10	32	5	2	13	68	G ¹ / ₄ B	53	7	14

Versions

Range	Mounting type	Type		Part number
-1/+0 bar	direct	RF50Gly D601		85051601
-1/+0.6 bar	direct	RF50Gly D601		85052601
-1/+1.5 bar	direct	RF50Gly D601		85053601
-1/+3 bar	direct	RF50Gly D601		85054601
-1/+5 bar	direct	RF50Gly D601		85055601
-1/+9 bar	direct	RF50Gly D601		85056601
-1/+15 bar	direct	RF50Gly D601		85057601
0/0.6 bar	direct	RF50Gly D601		85059601
0/1 bar	direct	RF50Gly D601		85060601
0/1.6 bar	direct	RF50Gly D601		85061601
0/2.5 bar	direct	RF50Gly D601		85062601
0/4 bar	direct	RF50Gly D601		85063601
0/6 bar	direct	RF50Gly D601		85064601
0/10 bar	direct	RF50Gly D601		85065601
0/16 bar	direct	RF50Gly D601		85066601
0/25 bar	direct	RF50Gly D601		85067601
0/40 bar	direct	RF50Gly D601		85068601
0/60 bar	direct	RF50Gly D601		85069601

0/100 bar	direct	RF50Gly D601	●	85070601
0/160 bar	direct	RF50Gly D601	●	85071601
0/250 bar	direct	RF50Gly D601	●	85072601
0/400 bar	direct	RF50Gly D601	●	85073601

- in-stock items
- Non-stock items