Glycerine filled Bourdon tube pressure gauge type D6

housing ⌀ (nominal size)	63 mm
Connection	G¼B
alignment	bottom
accuracy class	1.6
standard	EN 837-1

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

application area
static load: ¾ x full scale value
dynamic load: ⅔ 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 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

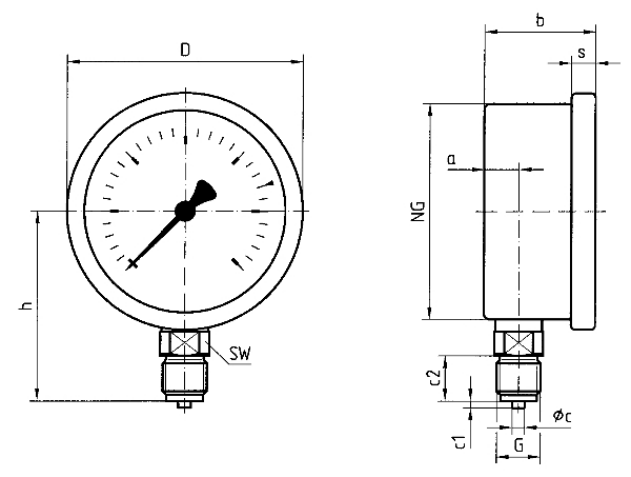
filling liquid
glycerine (99.5 %)

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

NG 50/63 – bottom connection



Dimensions (mm)

NG	a	b	∅c	c1	c2	D	G	h	s	SW
50	12	31,5	5	2	13	53	G¼B	47	5	14
63	10	32	5	2	13	68	G¼B	53	7	14

Versions

Range	Mounting type	Type	Part number
-1/+0 bar	direct	RF63Gly D601	85101601
-1/+0.6 bar	direct	RF63Gly D601	85102601
-1/+1.5 bar	direct	RF63Gly D601	85103601
-1/+3 bar	direct	RF63Gly D601	85104601
-1/+5 bar	direct	RF63Gly D601	85105601
-1/+9 bar	direct	RF63Gly D601	85106601
-1/+15 bar	direct	RF63Gly D601	85107601
0/0.6 bar	direct	RF63Gly D601	85109601
0/1 bar	direct	RF63Gly D601	85110601
0/1.6 bar	direct	RF63Gly D601	85111601
0/2.5 bar	direct	RF63Gly D601	85112601
0/4 bar	direct	RF63Gly D601	85113601
0/6 bar	direct	RF63Gly D601	85114601
0/10 bar	direct	RF63Gly D601	85115601
0/16 bar	direct	RF63Gly D601	85116601
0/25 bar	direct	RF63Gly D601	85117601
0/40 bar	direct	RF63Gly D601	85118601
0/60 bar	direct	RF63Gly D601	85119601

0/100 bar	direct	RF63Gly D601	○	85120601
0/160 bar	direct	RF63Gly D601	○	85121601
0/250 bar	direct	RF63Gly D601	○	85122601
0/400 bar	direct	RF63Gly D601	○	85123601

● in-stock items

○ Non-stock items