



Glycerine filled Bourdon tube pressure gauge type D7

housing $\varnothing$ (nominal size)	63 mm
Connection	G $\frac{1}{4}$ B
alignment	centre back
accuracy class	1.6
standard	EN 837-1

benefits

- robust stainless steel housing
- 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
D7

Nominal size
63

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
 ≤ 60 bar: "C" type tube
> 60 bar: helical tube

movement
Brass

Dial
Aluminium, white
RF63Gly
dual scale, bar outer, black – psi inner, red

Pointer
Aluminium, black

Housing
Stainless steel 304, with blow-out

crimped bezel
Stainless steel 304

window
Plastic

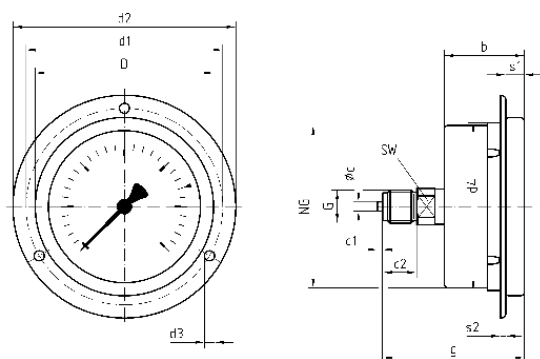
filling liquid
glycerine (99.5 %)

Options

- Filling liquid silicone oil
- Back flange (NG 63/80/100)
- clamp fixing
- 3-hole fixing, panel mounting bezel
- crimped bezel polished
- measuring system stainless steel (up to 1,000 bar, NG 80/100)
- special scales
- Clip reference pointer, red, adjustable (NG 63)
- throttle screw
- other process connections

Technical Drawings

NG 50/63 – centre back connection, 3-hole fixing, panel mounting bezel



Dimensions (mm)

NG	b	Øc	c1	c2	d1	d2	d3	d4	D	G	g	s1	s2	SW
63	30,5	5	2	13	75	85	3,6	64	68	G 1/4	B53,3	5,5	2	14

Range	Mounting type	Type		Part number
-1/+0 bar	3-hole fixing, panel mounting bezel	RF63Gly D731		85101731
-1/+0.6 bar	3-hole fixing, panel mounting bezel	RF63Gly D731		85102731
-1/+1.5 bar	3-hole fixing, panel mounting bezel	RF63Gly D731		85103731
-1/+3 bar	3-hole fixing, panel mounting bezel	RF63Gly D731		85104731
-1/+5 bar	3-hole fixing, panel mounting bezel	RF63Gly D731		85105731
-1/+9 bar	3-hole fixing, panel mounting bezel	RF63Gly D731		85106731
-1/+15 bar	3-hole fixing, panel mounting bezel	RF63Gly D731		85107731
0/0.6 bar	3-hole fixing, panel mounting bezel	RF63Gly D731		85109731
0/1 bar	3-hole fixing, panel mounting bezel	RF63Gly D731		85110731
0/1.6 bar	3-hole fixing, panel mounting bezel	RF63Gly D731		85111731
0/2.5 bar	3-hole fixing, panel mounting bezel	RF63Gly D731		85112731
0/4 bar	3-hole fixing, panel mounting bezel	RF63Gly D731		85113731
0/6 bar	3-hole fixing, panel mounting bezel	RF63Gly D731		85114731
0/10 bar	3-hole fixing, panel mounting bezel	RF63Gly D731		85115731
0/16 bar	3-hole fixing, panel mounting bezel	RF63Gly D731		85116731
0/25 bar	3-hole fixing, panel mounting bezel	RF63Gly D731		85117731
0/40 bar	3-hole fixing, panel mounting bezel	RF63Gly D731		85118731
0/60 bar	3-hole fixing, panel mounting bezel	RF63Gly D731		85119731
0/100 bar	3-hole fixing, panel mounting bezel	RF63Gly D731		85120731
0/160 bar	3-hole fixing, panel mounting bezel	RF63Gly D731		85121731
Industrial technology / Mechanical			ting bezel	
pressure measuring instruments /			D731	
			RF63Gly D731	3 /
0/315 bar	3-hole fixing, panel mounting bezel	RF63Gly D731		86818731