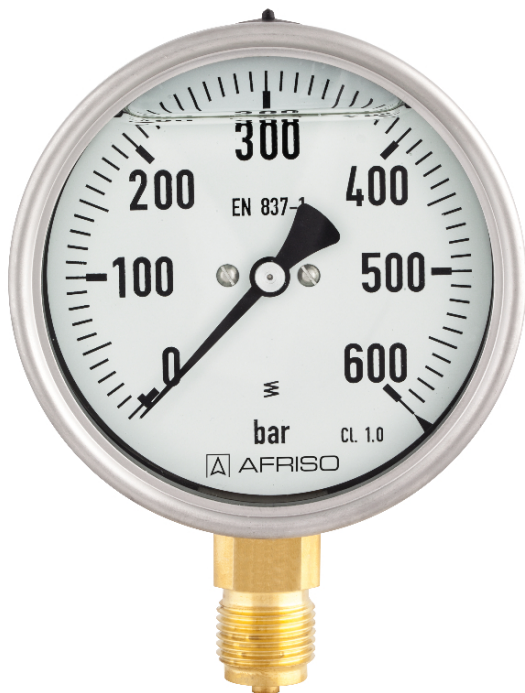




Glycerine filled Bourdon tube pressure gauge type D8

housing $\varnothing$ (nominal size)	100 mm
Connection	G $\frac{1}{2}$ B
alignment	bottom
accuracy class	1.0
standard	EN 837-1

benefits

- compact design
- 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

D8

Nominal size

100

accuracy class (EN 837-1/6)

1.0

ranges (EN 837-1/5)

see ordering table

application area

≤ 600 bar: Full scale value
 > 600 bar: $\frac{3}{4}$ x full scale value
 ≤ 600 bar: 0.9 x full scale value
 > 600 bar: $\frac{2}{3}$ x full scale value
 ≤ 600 bar: 1.3 x full scale value
 > 600 bar: Full scale value

Operating temperature range

Medium: max. 60 °C

Ambient: -20/+60 °C

Connection

Brass, bottom

Measuring element

Bourdon tube

≤ 60 bar: "C" type tube, Copper alloy

> 60 bar: helical tube, stainless steel 316 Ti/316 L

movement

Brass

Dial

Aluminium, white

Scaling: black

Pointer

Aluminium, black

Housing

Stainless steel 304, with blow-out

bayonet bezel

Stainless steel 304

window

Instrument glass

filling liquid

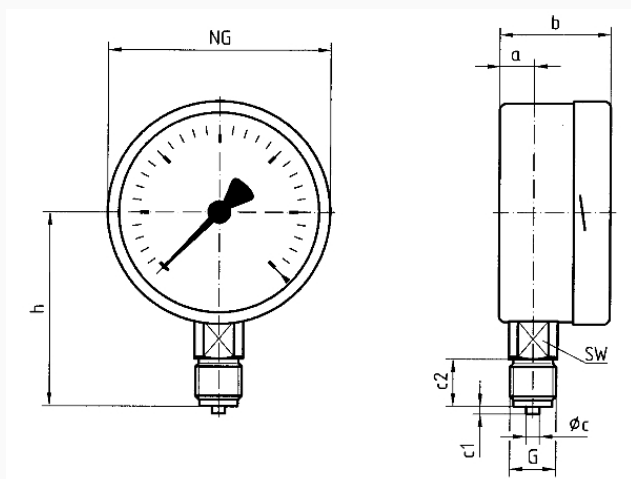
glycerine (99.5 %)

Options

- back flange
- 3-hole fixing, panel mounting bezel
- 3-hole fixing, panel mounting bezel (NG 63)
- special scales
- other process connections

Technical Drawings

Centre back connection



Dimensions (mm)

NG	a	b	øc	c1	c2	G	h	SW
100	15,6	49	6	3	20	G½B	86	22
160	17,5	50	6	3	20	G½B	116	22

Versions

Range	Mounting type	Type		Part number
-1/+0 bar	direct	RF100Gly D801	●	85201801
-1/+0.6 bar	direct	RF100Gly D801	●	85202801
-1/+1.5 bar	direct	RF100Gly D801	●	85203801
-1/+3 bar	direct	RF100Gly D801	●	85204801
-1/+5 bar	direct	RF100Gly D801	●	85205801
-1/+9 bar	direct	RF100Gly D801	●	85206801
-1/+15 bar	direct	RF100Gly D801	●	85207801
0/0.6 bar	direct	RF100Gly D801	●	85209801
0/1 bar	direct	RF100Gly D801	●	85210801
0/1.6 bar	direct	RF100Gly D801	●	85211801
0/2.5 bar	direct	RF100Gly D801	●	85212801
0/4 bar	direct	RF100Gly D801	●	85213801
0/6 bar	direct	RF100Gly D801	●	85214801
0/10 bar	direct	RF100Gly D801	●	85215801
0/16 bar	direct	RF100Gly D801	●	85216801
0/25 bar	direct	RF100Gly D801	●	85217801
0/40 bar	direct	RF100Gly D801	●	85218801
0/60 bar	direct	RF100Gly D801	●	85219801

0/100 bar	direct	RF100Gly D801	●	85220801
0/160 bar	direct	RF100Gly D801	●	85221801
0/250 bar	direct	RF100Gly D801	●	85222801
0/400 bar	direct	RF100Gly D801	●	85223801
0/600 bar	direct	RF100Gly D801	●	85224801
0/1000 bar	direct	RF100Gly D801	●	85225801

● in-stock items

● Non-stock items