



Bourdon tube pressure gauges with screw bezel housing type D6 with glycerine filling

benefits

- for machine and plant engineering
- extremely robust plastic housing (PA 6.6 GB30)
- laminated safety glass window
- higher accuracy class optional

Application

For gaseous and liquid media which are not highly viscous, do not crystallise and do not attack copper alloys. For high measuring accuracy.
! For measuring gas or vapour, observe the table "Selection Criteria as per EN 837-2"

Technical Specifications

Type

D6

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

Temperature performance

Indication error when the temperature of the measuring system deviates from the normal temperature of 20 °C:

at rising temperature approx. $\pm 0.4 \text{ } \%/10 \text{ K}$

falling temperature approx. $\pm 0.4 \text{ } \%/10 \text{ K}$

of full scale value

Connection

Brass, bottom back

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

plastic (PA 6.6 GB30), with blow-out

Options

- higher accuracy class
- throttle screw
- special scales
- other process connections
- micro-adjustable pointer

Screw type bezel

plastic (PA 6.6 GB30)

window

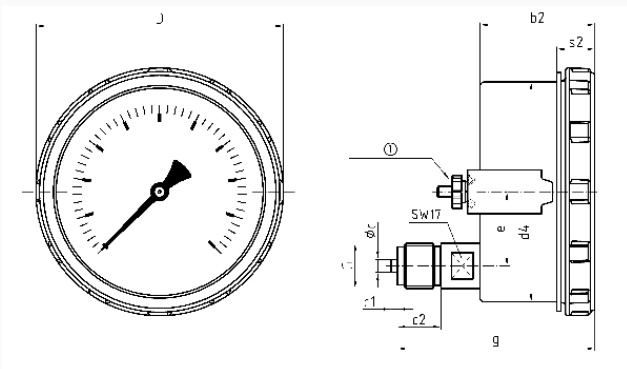
Laminated safety glass

filling liquid

Glycerine

Technical Drawings

bottom back connection, with clamp fixing



Union nut

Dimensions (mm)

NG	b2	Øc	c1	c2	d4	D	e	G	g	s2
100	52,5	6	3	20	101	114	34	G½B	91	17,5

Versions

Range	Mounting type	Type		Part number
-1/+0 bar	clamp fixing	RF100GlySR D641	●	85201641
-1/+0.6 bar	clamp fixing	RF100GlySR D641	●	85202641
-1/+1.5 bar	clamp fixing	RF100GlySR D641	●	85203641
-1/+3 bar	clamp fixing	RF100GlySR D641	●	85204641
-1/+5 bar	clamp fixing	RF100GlySR D641	●	85205641
-1/+9 bar	clamp fixing	RF100GlySR D641	●	85206641
-1/+15 bar	clamp fixing	RF100GlySR D641	●	85207641
0/0.6 bar	clamp fixing	RF100GlySR D641	●	85209641
0/1 bar	clamp fixing	RF100GlySR D641	●	85210641
0/1.6 bar	clamp fixing	RF100GlySR D641	●	85211641
0/2.5 bar	clamp fixing	RF100GlySR D641	●	85212641
0/4 bar	clamp fixing	RF100GlySR D641	●	85213641
0/6 bar	clamp fixing	RF100GlySR D641	●	85214641
0/10 bar	clamp fixing	RF100GlySR D641	●	85215641
0/16 bar	clamp fixing	RF100GlySR D641	●	85216641
0/25 bar	clamp fixing	RF100GlySR D641	●	85217641
0/40 bar	clamp fixing	RF100GlySR D641	●	85218641
0/60 bar	clamp fixing	RF100GlySR D641	●	85219641

0/100 bar	clamp fixing	RF100GlySR D641	●	85220641
0/160 bar	clamp fixing	RF100GlySR D641	●	85221641
0/250 bar	clamp fixing	RF100GlySR D641	●	85222641
0/400 bar	clamp fixing	RF100GlySR D641	●	85223641
0/600 bar	clamp fixing	RF100GlySR D641	●	85224641
0/1000 bar	clamp fixing	RF100GlySR D641	●	85225641

● in-stock items

● Non-stock items