



Bourdon tube safety pressure gauge type D8 with glycerine filling

benefits

- Safety housing S3 as per EN 837-1/9.7.2
- measuring system fully welded to housing
- tightness-tested with helium
- DNV- and GOSSTANDART-certified
- Ex version (optional)

Application

For corrosive gaseous and liquid media which are not highly viscous and do not crystallise; suitable for corrosive environments. This gauge is designed for applications as per EN 837-1/9.7.2.

Technical Specifications

Type

D8

Nominal size

63

accuracy class

EN 837-1/6

NG 63

1.6

ranges (EN 837-1/5)

see ordering table

Operating temperature range

Medium: max. 100 °C

Ambient: -20/+60 °C

Degree of protection

IP 54 (EN 60529)

Connection

Stainless steel 316 L, bottom

Measuring element

Bourdon tube, Stainless steel 316 L
tightness-tested with helium

movement

Stainless steel

Dial

Aluminium, white

Scaling: black

Pointer

Aluminium, black

Housing

Stainless steel 304, with solid baffle wall and blow-out (S3)

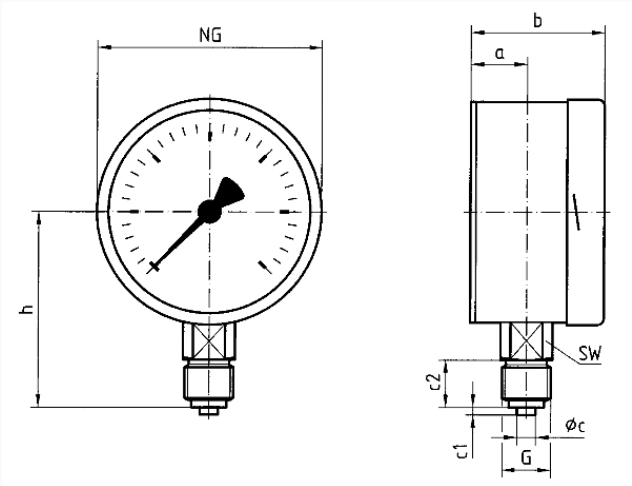
bayonet bezel
Stainless steel 304

window
Laminated safety glass

filling liquid
glycerine (99.5 %)

Technical Drawings

NG 63 – bottom connection



Dimensions (mm)

NG	a	b	øc	c1	c2	G	h	SW
63	18	41	5	2	13	G 1/4 B	53	14

Versions

Range	Mounting type	Type		Part number
-1/+0 bar	direct	RF63SiGly D802	●	85401802
-1/+0.6 bar	direct	RF63SiGly D802	●	85402802
-1/+1.5 bar	direct	RF63SiGly D802	●	85403802
-1/+3 bar	direct	RF63SiGly D802	●	85404802
-1/+5 bar	direct	RF63SiGly D802	●	85405802
-1/+9 bar	direct	RF63SiGly D802	●	85406802
-1/+15 bar	direct	RF63SiGly D802	●	85407802
0/0.6 bar	direct	RF63SiGly D802	●	85409802
0/1 bar	direct	RF63SiGly D802	●	85410802
0/1.6 bar	direct	RF63SiGly D802	●	85411802
0/2.5 bar	direct	RF63SiGly D802	●	85412802
0/4 bar	direct	RF63SiGly D802	●	85413802
0/6 bar	direct	RF63SiGly D802	●	85414802
0/10 bar	direct	RF63SiGly D802	●	85415802
0/16 bar	direct	RF63SiGly D802	●	85416802
0/25 bar	direct	RF63SiGly D802	●	85417802
0/40 bar	direct	RF63SiGly D802	●	85418802
0/60 bar	direct	RF63SiGly D802	●	85419802
0/100 bar	direct	RF63SiGly D802	●	85420802
0/160 bar	direct	RF63SiGly D802	●	85421802
D802				
Industrial technology / Mechanical pressure measuring instruments / RF63SiGly D802				3 / 3
0/400 bar	direct	RF63SiGly D802	●	85423802