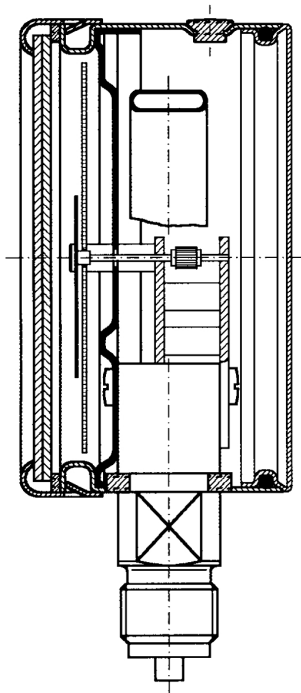




Bourdon tube safety pressure gauge type D4

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

D4

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 back

Measuring element

Bourdon tube

stainless steel 316 Ti/316 L

≤ 60 bar: "C" type tube

> 60 bar: helical tube

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)

window

Laminated safety glass

bayonet bezel

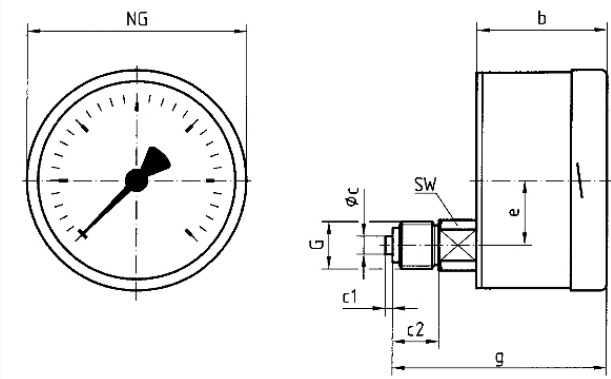
Stainless steel 304

Options

- Glycerine filling (bottom version type D8)
- 3-hole fixing, panel mounting bezel
- Ex version
- special scales
- other process connections

Technical Drawings

NG 63 – bottom back connection



Dimensions (mm)

NG	b	øc	c1	c2	e	G	g	SW
63	41	5	2	13	18	G ¹ / ₄ B	60	14

Range	Mounting type	Type	Part number
-1/+0 bar	direct	RF63Si D412	85401412
-1/+0.6 bar	direct	RF63Si D412	85402412
-1/+1.5 bar	direct	RF63Si D412	85403412
-1/+3 bar	direct	RF63Si D412	85404412
-1/+5 bar	direct	RF63Si D412	85405412
-1/+9 bar	direct	RF63Si D412	85406412
-1/+15 bar	direct	RF63Si D412	85407412
0/0.6 bar	direct	RF63Si D412	85409412
0/1 bar	direct	RF63Si D412	85410412
0/1.6 bar	direct	RF63Si D412	85411412
0/2.5 bar	direct	RF63Si D412	85412412
0/4 bar	direct	RF63Si D412	85413412
0/6 bar	direct	RF63Si D412	85414412
0/10 bar	direct	RF63Si D412	85415412
0/16 bar	direct	RF63Si D412	85416412
0/25 bar	direct	RF63Si D412	85417412
0/40 bar	direct	RF63Si D412	85418412
0/60 bar	direct	RF63Si D412	85419412
0/100 bar	direct	RF63Si D412	85420412
0/160 bar	direct	RF63Si D412	85421412
Industrial technology / Mechanical pressure measuring instruments / RF63Si D412			3 /
0/400 bar	direct	RF63Si D412	85423412