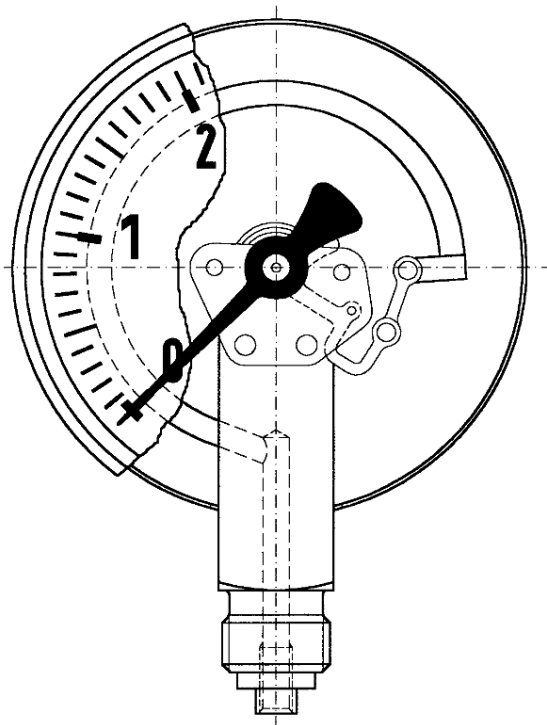




## Bourdon tube pressure gauge RF63GT

Part no. 85122311GT

Standard Bourdon tube pressure gauge for gas applications type D3

### benefits

- Version safety pressure gauge S2 as per EN 837-1
- dual scale for measurement of different media (option)
- rear blow-out
- many customised versions available

### Application

For gaseous and liquid media which are not highly viscous and do not crystallise. Specially designed for gas technology devices, fittings and installations.

! For measuring gas or vapour, these gauges must be used in accordance with the table "Selection Criteria as per EN 837-2" (see appendix)!

### Technical Specifications

#### Type

D3

#### Nominal size

63

#### Version

EN 837-1-S2

#### accuracy class (EN 837-1/6)

1.6

#### ranges (EN 837-1/5)

see ordering table

#### application area

static load:  $\frac{1}{4}$  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

#### Temperature performance

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

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

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

of full scale value

#### Degree of protection

IP 32 (EN 60529)

## standard version

### Connection

D311  
Brass  
centre back

### Measuring element

Bourdon tube  
D311  
Copper alloy  
≤ 40 bar: "C" type tube  
> 40 bar: helical tube

### movement

Brass

### Dial

Aluminium, white  
Scaling: black

### Pointer

Aluminium, black

### Housing

Stainless steel 304, with rear blow-out

### window

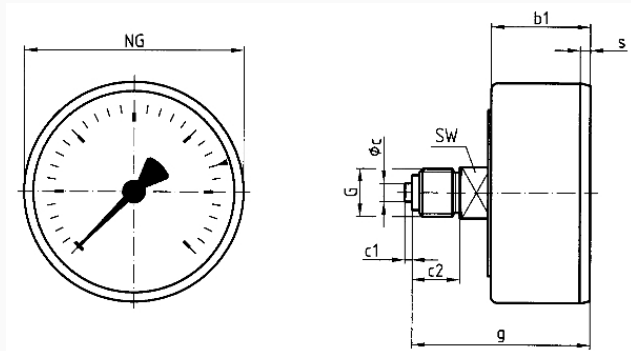
Plastic, snapped in

## Options

- wetted parts stainless steel
- wetted parts oil-free and grease-free
- Helium leak test
- throttle screw
- special scales
- other connection threads

## Technical Drawings

### Centre back connection



### Dimensions (mm)

| NG | b1   | Øc | c1 | c2 | G                 | g    | s   | SW |
|----|------|----|----|----|-------------------|------|-----|----|
| 50 | 26   | 5  | 2  | 13 | G $\frac{1}{4}$ B | 47   | 3,8 | 14 |
| 63 | 29,5 | 5  | 2  | 13 | G $\frac{1}{4}$ B | 50,5 | 3,7 | 14 |

Versions

| Range     | Mounting type | Type           |                                                                                     | Part number |
|-----------|---------------|----------------|-------------------------------------------------------------------------------------|-------------|
| 0/250 bar | direct        | RF63GT<br>D311 |  | 85122311GT  |

-  in-stock items
-  Non-stock items