

# Capsule Pressure Gauges Model 611.13, Plastic Series

**swikap**  
by WIKA

WIKA Data Sheet PM 06.12



## Applications

- For gaseous, dry and non-aggressive media
- Medical, vacuum, environmental, heating engineering, for contents measurement and filter monitoring

## Special Features

- Compact design and ingress protection IP 53
- Case made of plastic
- Other connection location on request
- Low scale ranges from 0 ... 60 mbar
- Maximum scale range 0 ... 1000 mbar



Capsule Pressure Gauge Model 611.13

## Description

### Design

EN 837-3

### Nominal size in mm

50, 63

### Accuracy class

2.5

### Scale ranges

0 ... 60 mbar to 0 ... 1000 mbar

or all other equivalent vacuum or combined pressure and vacuum ranges

### Pressure limitation

Steady: full scale value

Fluctuating: 0.9 x full scale value

### Operating temperature

Ambient: -20 ... +60 °C

Medium: +60 °C maximum

### Temperature effect

When the temperature of the measuring system deviates from the reference temperature (+20 °C):

max.  $\pm 0.6 \%$  / 10 K of full scale value

### Ingress protection

IP 53 per EN 60 529 / IEC 529

## Standard version

### Process connection

Cu-alloy,  
lower mount (LM) or centre back mount (CBM)  
G ¼ B (male), 14 mm flats

### Pressure element

Copper beryllium alloy (CuBe)

### Sealing

NBR

### Movement

Cu-alloy

### Dial

Aluminium, white, black lettering

### Pointer

Aluminium, black

### Case

Plastic, black

### Window

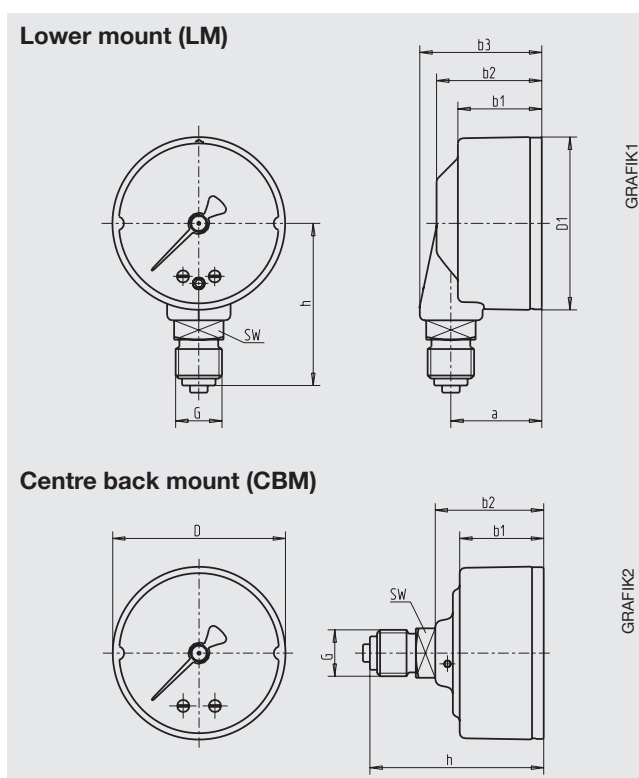
Plastic, crystal-clear, snap-fit in case

## Options

- Other process connection
- Overpressure and vacuum safety (on request)
- Accuracy class 1.6
- Zero adjustment, in front
- Case made of steel, black (Model 611.23)
- Restrictor

## Dimensions in mm

### Standard version



NS	Connection location	Dimensions in mm								Weight in kg
		a	b <sub>1</sub>	b <sub>2</sub>	b <sub>3</sub>	D	G	h ± 1	SW	
50	lower mount (LM)	26	24	30	35	49	G ¼ B	48	14	0.07
50	back mount (CBM)	-	24	31	-	49	G ¼ B	51.5	14	0.07
63	lower mount (LM)	25.5	24	29.5	34.5	62	G ¼ B	48	14	0.08
63	back mount (CBM)	-	24	31	-	62	G ¼ B	51.5	14	0.08

Process connection per EN 837-3 / 7.3

### Ordering information

Model / Nominal size / Scale range / Connection size / Connection location / Options

Modifications may take place and materials specified may be replaced by others without prior notice.  
Specifications and dimensions given in this leaflet represent the state of engineering at the time of printing.

