

Capsule Pressure Gauges Model 611.13, Plastic Series

swikap
by WIKA

WIKA Data Sheet PM 06.12

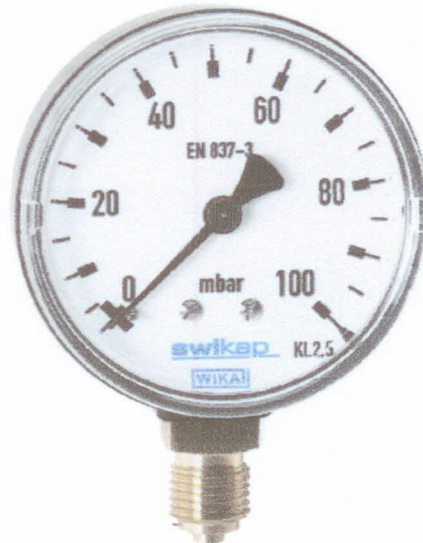


Applications

- 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. $\pm 0.6 \text{ } \%$ / 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 1/4 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

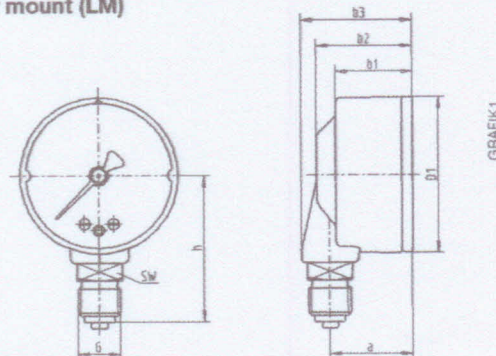
Options

- 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

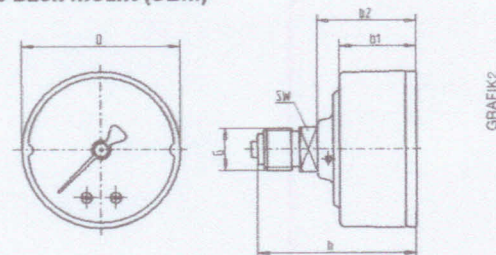
Dimensions in mm

Standard version

Lower mount (LM)



Centre back mount (CBM)



NS	Connection location	Dimensions in mm								Weight in kg
		a	b ₁	b ₂	b ₃	D	G	h ± 1	SW	
50	lower mount (LM)	26	24	30	35	49	G 1/4 B	48	14	0.07
50	back mount (CBM)	-	24	31	-	49	G 1/4 B	51.5	14	0.07
63	lower mount (LM)	25.5	24	29.5	34.5	62	G 1/4 B	48	14	0.08
63	back mount (CBM)	-	24	31	-	62	G 1/4 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.



WIKA Alexander Wiegand GmbH & Co. KG
 Alexander-Wiegand-Straße 30
 63911 Klingenberg/Germany
 Tel. (+49) 9372/132-0
 Fax (+49) 9372/132-406
 E-mail info@wika.de
 www.wika.de