Low Pressure Capsule Gauges
Plastic Case / Economy Design
Type 611.13

Applications

- For gaseous, dry and non aggressive media.
- Medical, vacuum, environmental, HVAC and filter monitoring.

Product features

- Compact design
- Plastic case
- Low ranges from 0/25” H2O (60 mbar)
- Maximum range 0/400” H2O (1000 mbar)

Capsule Pressure Gauge Model 611.13

Specifications

Design
EN837-3

Nominal Sizes
2” & 2.5” (50 & 63 mm)

Accuracy class
± 2.5% of span

Scale Ranges
0/25 to 0/400 “H2O (0/60 to 0/1000 mbar)
or other equivalent units of pressure or vacuum

Working Pressure
Steady: Full scale value
Fluctuating: 90% of full scale value

Operating Temperature
Ambient: -4°F to +140°F (-20°C to +60°C)
Medium: +140°F (+60°C)

Temperature error
Additional error when temperature changes from reference temperature of 68 °F (20 °C) ± 0.5% of span for every 18 °F (10 °K) rising or falling

Weather protection
IP 53 per EN 60 529 / IEC 529

Pressure connection
Material: copper alloy
Lower mount (LM) or center back mount (CBM)
1/4” NPT (male), 14 mm wrench flats

Pressure element
Copper-beryllium copper (CuBe)

O-ring
NBR (Perbunan)

Movement
Copper alloy

Dial
White aluminum with black numberals

Pointer
Black aluminum

Case
Plastic, black

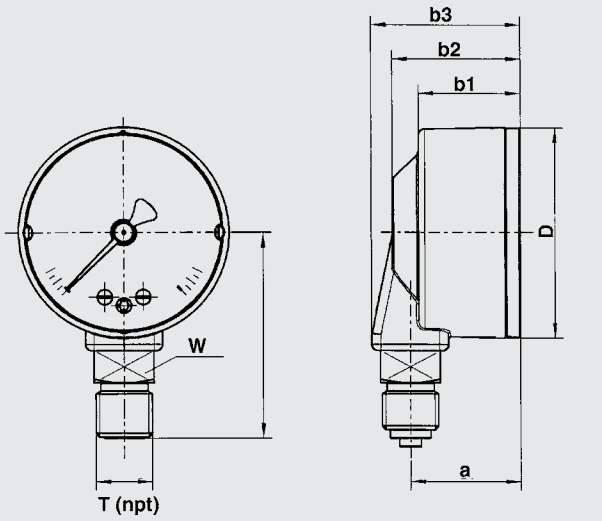
Window
Snap-in clear plastic

WIKA
Part of your business

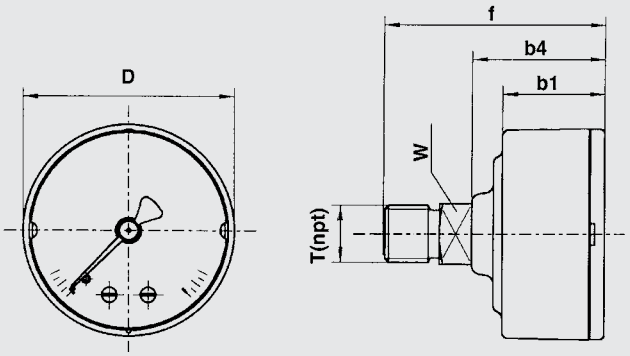
Optional extras

- Other pressure connection
- Under & overpressure safety
- Accuracy ±1.6% of span
- Zero adjustment screw on dial
- Restrictor

Dimensions



Lower mount (LM) connection



Center back mount (CBM) connection

Size		a	b1	b2	b3	b4	D	f	h	T	W	Weight
2”	mm	26	24	30	35	31	49	51.5	48		14	0.07 kg
	in	1.02	0.94	1.18	1.38	1.22	1.93	2.03	1.89	1/4”	0.55	0.15 lbs
2.5”	mm	25.5	24	29.5	34.5	31	62	51.5	48		14	0.08 kg
	in	1.00	0.94	1.16	1.36	1.22	2.44	2.03	1.89	1/4”	0.55	0.18 lbs

Ordering information
Pressure gauge model / Nominal size / Scale range / Size of connection / Optional extras required
Specifications and dimensions given in this leaflet represent the state of engineering at the time of printing.
Modifications may take place and materials specified may be replaced by others without prior notice.

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