

LCL-G Series Capsule Low-Pressure Gauge



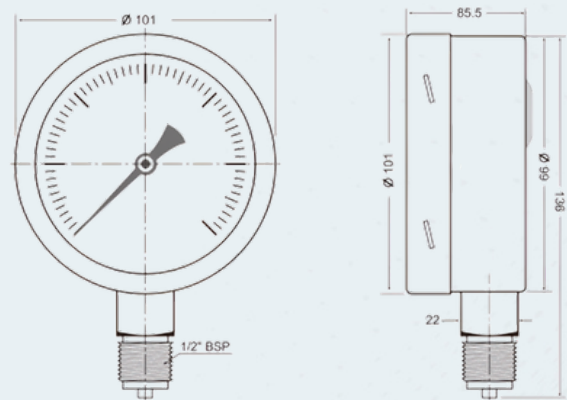
Applications

The Lomas LCL-G Series capsule low pressure gauge is designed for accurate measurement of very low pressures in gaseous and dry media that do not react adversely with copper alloy components. It is particularly suitable for medical technology, vacuum systems, laboratory processes, and filter monitoring applications.

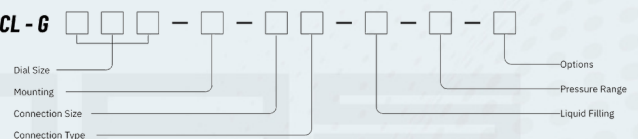
Special Features

- Capsule measuring system for low pressure applications.
- Robust stainless steel case with DIN bayonet ring.
- Available with vacuum and compound ranges down to -600 mbar.
- Conforms to EN 837-1/5 design standards.
- Clear instrument glass window for reliable readability.
- Optional restrictor, double dial range, or alternative dial ranges.

Dimension Drawing



LCL - G



Code	Dial Size
100	100 mm (4")
150	150 mm (6")

Code	Mounting
A	Bottom
B	Back
C	Bottom + Back Range
D	Back Range/U-Clamp

Code	Connection Size
1	1/4"
2	1/2"

Code	Connection Type
N	NPT
B	BSP
T	BSPT
-	Other option (please Specify)

Code	Liquid Filling
D	Dry But Fillable
G	Glycerine Filled
S	Silicone Oil Filled

Code	Pressure Range
D	0
Specify Range	40/100/160/250/400/600/1000 mbar or Vacuum range: -600 to 0 mbar (e.g., -600/0)

Code	Options
Specify options	Glass window (std.)
SS	Stainless-steel window
XY	Special material or drawing (specify)

Specification

Component	Material / Design
Case & Bezel	AISI 304 stainless steel with DIN bayonet ring
Window	Instrument glass
Dial Plate	Aluminum, white background, black/red markings (standard)
Pointer	Aluminum, black (standard)
Capsule (Measuring Element)	Copper alloy
Movement	Brass
Process Connection	Brass, 1/2" BSP (standard); NPT, BSPT, or others available on request

Parameters

Parameter	Value
Nominal Size	63 mm (2 1/2"), 100 mm (4")
Design Standard	EN 837-1/5
Accuracy Class	Class 2.5 (63 mm), Class 1.6 (100 mm)
Scale Range	mbar: 0 to 16 / 25 / 40 / 60 / 100 / 160 / 250 / 400 / 600 / 1000 mbar Vacuum: -600 / -400 / -250 / -160 / -100 / -60 / -40 / -25 / -16 to 0 mbar Request for custom range
Protection Class	IP54
Operating Temp. (Ambient)	-20 °C to +60 °C
Operating Temp. (Medium)	up to +60 °C