

## CAPSULE PRESSURE GAUGES FOR LOW PRESSURES DN 100

They are use for measure very low pressures in gases, in pressure and in vacuum, mainly in gases, between 600..0/0..600 mbar ranges.

### Constructive and functional characteristics

**Precision:** Class 1,6 according to EN 837-3.

**Ranges:** -600..0 a 0..600 mbar or any other equivalent unit of pressure or vacuum, standard ranges according to EN 837-3. Double scale in mbar and mmH<sub>2</sub>O

**Ambient temperature:** -20...+65 ° C.

**Process fluid temperature:** max. +65° C.

### **Temperature error:**

Additional error when the temperature of the sensitive element turns aside of 20°C: ±0,5% of the value E.S. every 10°C.

### **Working Pressure:**

Max. static pressure. 75% E.S.

Fluctuating pressure: 2/3 E.S.

### **Temporary overpressure:**

+25% Maximum range value during a short time.

### **Outdoor grade of protection:**

IP31 (indoor use).

**Process connection:** Lower connection 1/2" BSP

**Process connection racord:** In brass.

**Capsule:** phosphorous bronze.

**Mechanism:** in brass.

**Box:** In Stainless steel, bayonet bezel.

**Window:** Glass.

**Pointer:** in painted black aluminium.

**Zero adjustment:** by adjustment screw in the frontal side.

**Options:** All stainless steel construction.



This publication does not try to establish the bases of a contract and the company keeps the right to modify without previous notice the design and the specifications of the instruments, in accordance with his politics of continued development.

**MEI Manometría e Instrumentación, s.l.**

**Pol. Ind. "Gelidense" 3, nave 19 E-08790 Gelida - Barcelona**

**Tf. +34 937083 110 Fax. +34 937 083 109**

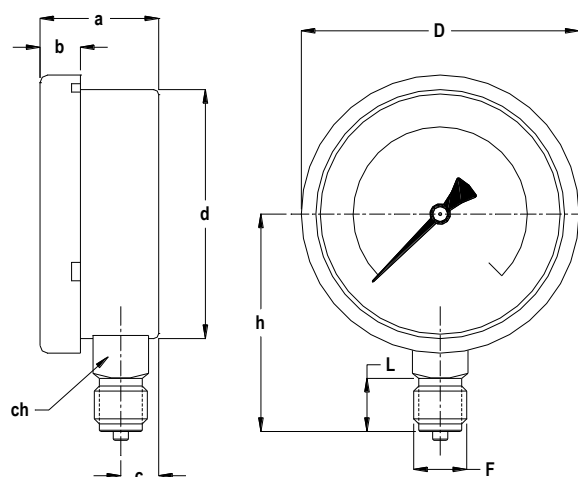
**www.mei.es e-mail: info@mei.es**

## CAPSULE PRESSURE GAUGES FOR LOW PRESSURES DN 100

Page 2

### DIMENSIONS

inches  
(mm)



### TYPE 1

Local assembly  
Lower connection

DN	TYPE	a	b	c	ch	d	D	F	h	L
3.94" (100)	1	1.85" (47)	0.59" (15)	0.59" (15)	22x4	3.90" (99)	4.33" (110)	3.35" ½" BSP	3.35" (85)	0.79" (20)

This publication does not try to establish the bases of a contract and the company keeps the right to modify without previous notice the design and the specifications of the instruments, in accordance with his politics of continued development.

**MEI Manometría e Instrumentación, s.l.**  
**Pol. Ind. "Gelidense" 3, nave 19 E-08790 Gelida - Barcelona**  
**Tf. +34 937083 110 Fax. +34 937 083 109 www.mei.es e-mail: info@mei.es**