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_2O

Ambient temperature: -20...+65 º C.

Process fluid temperature: max. +65º C.

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

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.
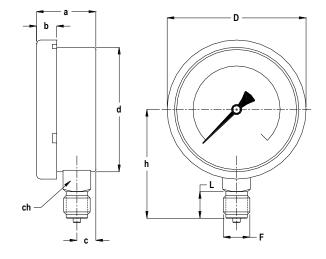
Options: All stainless steel construction.

CAPSULE PRESSURE GAUGES
FOR LOW PRESSURES DN 100

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)