

100mm Diameter Low Pressure Capsule Gauge

Application

For the measurement of gases only at low pressure that are not highly viscous, high temperature (over 60°C) or likely to solidify/crystallize.



Description

Nominal Size

100mm

Accuracy

+/- 2.5% FSD

Scales

MBAR (Black) Single Scale

Ranges

0/40 to 0/600 MBAR (Millibar) Pressure

Mounting Options

Bottom Only - Direct Mounting Only (standard)

Operating Temperature

Ambient: -20/+60°C

Medium: +60°C maximum

Temperature Effect

Variation in indication caused by temperature
 $\pm 0.04 \times (t_2 - t_1)\%$ of the span

t1 is the reference ambient temperature in °C

t2 is the ambient temperature in °C

Ingress Protection

IP 40 as per EN 60529

Case

Enameled Steel - Grey

Window

Acrylic - Crystal clear, push-fit

Pressure Element

Copper beryllium bellows

Joints

Soldered with tin alloy

Movement

High precision brass with zero adjustment

Process Connection & Block

Brass - 1/2" BSP (parallel) male (standard)

Brass - 22mm Square block

Pointer

Aluminium - Black

Dial

Aluminium - White

Special Options

Other scales/ranges

Customer logo on dial

Other process connections