



Budenberg



Made in Britain

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Model: 11/15P

The model 11/15P is manufactured to meet the demand for small high quality gauges designed for applications using gases, water or any liquid that does not attack brass and bronze.

The one piece polycarbonate case with integral window forms a solid baffle in front of the Bourdon tube and incorporates a full diameter stainless steel blow-out back so that in the event of a tube failure through corrosion, explosion or gross over pressure any vapour or debris is vented from the back of the case.

This gauge is designed for fitting into a panel, and is held in place by a screwed plastic clamping ring which screws around the outside of the case providing very easy fixing. The transparent front flange assumes the colour of the panel.

For oxygen applications these gauges must be manufactured to ensure they are entirely free from oil and grease.

Size

63 mm & 80mm Dial diameter

Mounting

Flush or Direct Rear Mounting

Case & Bezel

One Piece Polycarbonate, Safety Pattern case

Scale Ranges

0 to 1 Bar, up to 400 Bar Pressure

Equivalent units of pressure/ vacuum available

Single and dual scales are available

Pressure Element

Phosphor Bronze Bourdon tube soldered to brass connection and end piece. Stainless Steel above 40 Bar.

Overload

Units will withstand up to 125% of FSD.

Pressure Connection

1/4" BSP as Standard

1/8" BSP & NPT are also available

Accuracy Class

CL:1 1.0% of FSD as defined in EN837-1

Temperature

Operating: -20 to +90 °C

Storage: -40 up to +100 °C.

Options: for lower or higher operating temperatures, please contact our Sales Office

Temperature Effect

Variation in indication caused by temperature shall not exceed $\pm 0.04 \times (t_2 - t_1)\%$ of the span where:

t1 is the reference ambient temperature in degrees Celsius

t2 is the ambient temperature in degrees Celsius

SMALL DIAL - FLUSH MOUNTING INDUSTRIAL SERVICE GAUGE



Dial

White Anodised Aluminium marked in black finish

Option: Dual scale, colour bands & sectors

Customisation with Company Name & Logo also available

Pointer

Stainless steel coloured black

Movement

Brass Construction

Option: Viscous Damped movement to overcome the effects of minor pressure pulsations and vibrations

Window

One Piece Polycarbonate

Environmental Rating

IP54 as defined in EN60 529

Traceability

All instruments are individually calibrated and have a unique Serial Number printed on the dial. A Certificate of Conformity Traceable to National Standards is Supplied Free of Charge

Certification Available

BS EN 10204 3.1B Material Certification

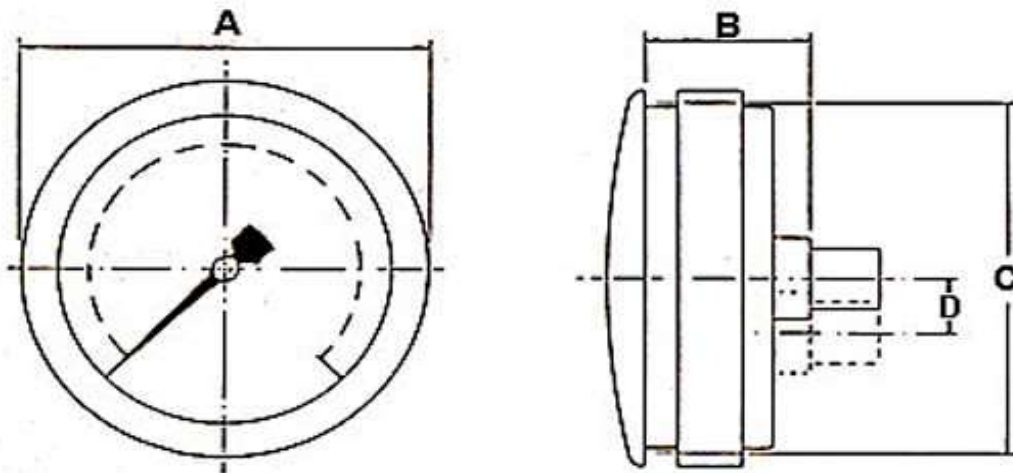
Point by Point Test Certificate

Safety

All units are manufactured to comply with EN837-1, S3 specification and other regulatory standards including PED

Installation instructions

Refer to EN837-2



Model No	A	B	C	D	Weight
63mm Polycarbonate Case	68mm	40mm	63mm	13.5mm	0.2kg
80mm Polycarbonate Case	94mm	38mm	87mm	13.5mm	0.3kg

Options

Case : Customer Name or Logo
 Mounting : See other Datasheets for various mountings
 Threads : NPT available
 Dials : Colour sectors

Accessories

For high temperature applications such as steam, see our range of syphons and adaptors. – See separate Datasheet.
 Brass shut off cocks

Specifications and dimensions in this leaflet, are subject to change without prior notice.



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