

# Small Dial - High Pressure Industrial Service Gauge

Model 15H

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 direct mounting on to the process pipe work and comes with a grey inner sleeve to give a grey colour to the side of the case.

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

Direct

## Case & Bezel

One Piece Polycarbonate, Safety Pattern case

## Scale Ranges

Above 60 bar up to 700 bar

Equivalent units of pressure / vacuum available

Single and dual scales are available

## Pressure Element

316 Stainless Steel Heli coil brazed to the body with welded end piece

## Overload

Up to 115%

## Pressure Connection

1/4" BSP as Standard

1/8", 1/4" & 3/8" BSP & NPT are also available

## Accuracy Class

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

## Temperature

Operating: -20 to +90 °C

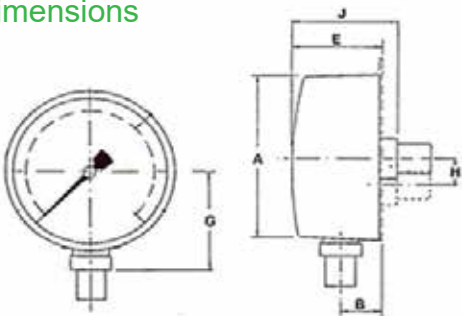
Storage: -40 up to +100 °C

Options: for lower or higher operating temperatures

## Temperature Effect

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

## Dimensions



## 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 EN 60 529

## Traceability

All instruments are individually calibrated and have an 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 EN 837-1, S3 specification and other regulatory standards including PED.

## Installation instruction

Refer to EN 837-2

## Accessories

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

Brass shut off cocks

## Options

Case: Customer Name or Logo

Mounting : See other Datasheets for various mountings

Threads: NPT available

Dials: Colour sectors

Model No	A	B	E	F	G	H	I	Weight
63mm Polycarbonate Case	63mm	14mm	36.5mm	110mm	44.5mm	13.5mm	45mm	0.2kg
80mm Polycarbonate Case	86mm	19mm	42mm	153mm	51.5mm	13.5mm	46mm	0.3kg

Authorised Australian distributor for



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