

## 63mm DIAMETER GLYCERINE FILLED PRESSURE GAUGE

### Applications

For the measurement of fluid liquids that are not:- highly viscous, high temperature (over 60°C), likely to solidify/crystallize or corrosive to copper or tin alloys.

Also suitable for gases (except oxidizing gases such as oxygen or acetylene) up to 25 bar maximum.

Glycerine filled gauges are particularly suited to applications where oscillating/surging pressures or vibration are present. The damping effect of the glycerine will steady the pointer making it easier to take a reading against the scale.



### Specification

#### Nominal Size

63mm

#### Accuracy

+/- 1.6% FSD

#### Scales

PSI Outer (Black) & BAR Inner (Red) - Pressure

"HG Outer (Black) & BAR Inner (Red) - Vacuum

"HG+PSI Outer (Black) & BAR Inner (Red) - Compound

#### Ranges

-30"HG Vacuum to 0/10000 PSI Pressure

-30"HG/+ 15 PSI to -30"HG/+ 160 PSI Compound

#### Mounting Options

Bottom - Direct Mounting (standard)

Bottom - Surface Mounting Rear 3 Hole Flange

Centre Back - Direct Mounting (standard)

Centre Back - Panel Mounting Rear Bracket Centre Back -

Panel Mounting Front 3 Hole Flange

#### 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 65 as per EN 60529

#### Case & Crimped Bezel

304 Stainless Steel

#### Window

Polycarbonate - Crystal clear

#### Pressure Element

CU Alloy - Sealed Bourdon tube

C-Type < 100 BAR

Coiled Type > 100 BAR

#### Joints

Soldered with tin/silver alloy

#### Movement

High Precision Brass

#### Process Connection & Block

Brass - 1/4" BSP (parallel) male (standard) Brass -

1/4" NPT (tapered) male (standard) Brass -

14mm Hexagon block

#### Pointer

Aluminium - Black

#### Dial

Aluminium - White

#### Filling

FDA Approved food grade glycerine

#### Special Options

Other scales/ranges

Customer logo on dial

Other process connections

Rubber gauge cover