

40mm Diameter Panel Mountable Dry Pressure Gauge

Application

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 (excluding oxygen or acetylene) up to 25 bar maximum.

Pneumatics
Air Compressors
HVAC Industry
Water Industry



Description

Nominal Size
40mm

Accuracy
+/- 2.5% FSD

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

Ranges
-30/0"HG Vacuum to 0/300 PSI Pressure

Mounting Options
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 40 as per EN 60529

Case
304 Stainless Steel

Bezel
304 Stainless Steel - Crimped

Window
Acrylic - Crystal clear

Pressure Element
CU Alloy - Sealed Bourdon tube C-Type

Joints
Soldered with tin alloy

Movement
High Precision Brass

Process Connection & Block
Brass - 1/8" BSPT (tapered) male (standard)
Brass - 11mm Square block

Pointer
Aluminium - Black

Dial
Aluminium - White

Special Options
Other scales/ranges
Customer logo on dial
Other process connections