

# 40mm Diameter General Purpose 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 0/400 PSI Pressure

**Mounting Options**  
Bottom - Direct Mounting Only (standard)  
Centre Back - 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 - Black

**Window**  
Acrylic - Crystal clear, push-fit

**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

# 50mm Diameter General Purpose 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**  
50mm

**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 0/400 PSI Pressure

**Mounting Options**  
Bottom - Direct Mounting Only (standard)  
Centre Back - 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 - Black

**Window**  
Acrylic - Crystal clear, push-fit

**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 - 1/4" BSPT (tapered) male (standard)  
Brass - 14mm Square block

**Pointer**  
Aluminium - Black

**Dial**  
Aluminium - White

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