

Pressure Gauge Type PGA

Application.

Benney offers a wide range of pressure and vacuum gauges with various dial sizes, configurations, ranges and connections. Made from a robust 304 stainless steel case, with either brass or 316L Stainless Steel connections and internals, they are ideal for many applications. Polycarbonate lens and liquid filling of the gauge case are standard for 63mm and above. This is recommended for internal protection and high vibration areas, however all gauges can be supplied with glass lens or dry case if required. Compound, oxygen service and capsule gauges are available upon request.

Dial Size

40mm, 50mm, 63mm, 100mm, 160mm.

Process Connection.

Stainless steel or brass.

Available as bottom, rear entry, direct, panel or surface mount.

Process Connection Size.

1/8" BSPT male. (40mm, 50mm and 63mm sizes only)
1/4" BSPT male. (63mm, 100mm and 160mm sizes only)
3/8" BSPT male. (100mm and 160mm size only)
3/8" BSPP male. (100mm and 160mm size only)
1/2" BSPP male. (100mm and 160mm size only)
1/2" NPT male. (100mm and 160mm size only)

Wetted Parts Material.

Available with Brass process connections and stainless steel internals or all stainless steel.

Case Material.

304 Stainless Steel

Bezel Material.

304 Stainless Steel.

Lens Material.

Standard: Polycarbonate lens
Optional: Safety Glass

Dial / Pointer Material.

Aluminium, white surface with black print

Over Range Point.

130% span

Safety Blowout.

Available on 100 and 160mm Gauges only

Operating Temperature.

-20 to 100°C



Filled Case.

Available in 63, 100 and 160mm Gauges
Glycerine or Silicon oil available

Rating.

Rated to IP67

Pressure Ranges.

-100 to 0 kPa.
0 to 60 kPa.
0 to 100 kPa.
0 to 160 kPa.
0 to 250 kPa.
0 to 400 kPa.
0 to 600 kPa.
0 to 800 kPa.
0 to 1000 kPa.
0 to 1600 kPa.
0 to 2500 kPa.
0 to 4000 kPa.
0 to 6000 kPa. *
0 to 10000 kPa. *
0 to 16000 kPa. *
0 to 25000 kPa. *
0 to 40000 kPa. *
0 to 60000 kPa. *
0 to 100000 kPa. *

* (Not available in 40 or 50mm sizes)

Other pressures available on request.

Accuracy.

Comply with accuracy requirements of
AS1349 & BS1780.

63mm: +/- 1.6% of span
100mm: +/- 1.0% of span
160mm: +/- 1.0% of span.