

PRESSURE MEASUREMENT

Duplex Pressure Gauge

Type R3: Stainless steel case with brass internals

Type R4: Stainless steel case with stainless steel internals

Data Sheet P DUP3-4

Service Intended

Suitable for the measurement and indication of two simultaneous or individually applied pressures. Intended for media such as air, water, oil & gases that do not attack copper alloy or stainless steel parts or will obstruct the pressure system.

Case Details

Nominal Dia: 100, 160mm Material: Stainless steel 304

Bezel

S/Steel 304 rolled ring type - tamper proof.

Pressure Connections

Material: Type 3: Brass. Type 4: Sta Sizes: 1/4", 3/8" & 1/2" in BSP or NPT Type 4: Stainless steel 316 (Position: See "Mounting Configurations".)

Mounting Flange Material: Polished stainless steel 304

Pressure Element Material: Type 3: Cu-alloy. Type 4: Stainless steel 316

Geared Movement Material: Clockwork brass or stainless steel.

Pointer

Collet: Aluminium or brass Blade: Black aluminium

Dial

Material: Aluminium, white with black lettering.

Window Instrument glass or plexiglass

Weather Protection IP 65 Dust & weather proof.

Working Pressure

Steady: Full scale value Fluctuating: 90% of full scale value Short Period: 130% of full scale value For pulsating pressure, the use of an inlet restrictor and/or liquid filling is recommended.

Accuracy Class Class 1

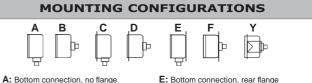
Operating Temperature

Ambient: -20 °C to + 60 °C Medium: +70 °C (soldered tube): + 100 °C (brazed / tig welded tube)

Optional Extras

Calibration Certificate Customized scale plates (customer logo, red line, etc) Special Dials, other than standard (dual scale, bar, psi) Colour Coding of dial Blow out disc





B: Rear connection, no flange

C: Bottom connection, front flange

E: Bottom connection, rear flange

F: Rear connection, rear flange

- Y: Rear con. narrow front ring (clamp mtg)
- D: Rear connection, front flange

| Ranges | Figure Interval | Minor Graduations | Ranges | Figure Interval | Minor Graduatio |
|------------|--------------------|----------------------|-----------------|--------------------|--------------------|
| Pressure | | | Vacuum | | |
| 0/60 kPa | 10 | 1 | -100/0 kPa | 20 | 2 |
| 0/100 kPa | 20 | 2 | Compound | | |
| 0/160 kPa | 20 | 2 | -100/0/150 kPa | 50 | 5 |
| 0/250 kPa | 50 | 5 | -100/0/300 kPa | 100 | 10 |
| 0/400 kPa | 100 | 10 | -100/0/500 kPa | 100 | 10 |
| 0/600 kPa | 100 | 10 | -100/0/700 kPa | 100 | 10 |
| 0/800 kPa | 100 | 10 | -100/0/900 kPa | 200 | 20 |
| 0/1000 kPa | 200 | 20 | -100/0/1500 kPa | 500 | 50 |
| 0/1600 kPa | 500 | 50 | -100/0/2400 kPa | 500 | 50 |
| 0/2500 kPa | 500 | 50 | | | |
| 0/4000 kPa | 1000 | 100 | | | |

Customized and other scales such as bar / psi / inHG etc. are available on request

HOW TO ORDER USING OUR PART NUMBERS

