



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: Stainless steel 316
 Sizes: 1/4", 3/8" & 1/2" in BSP or NPT
 (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

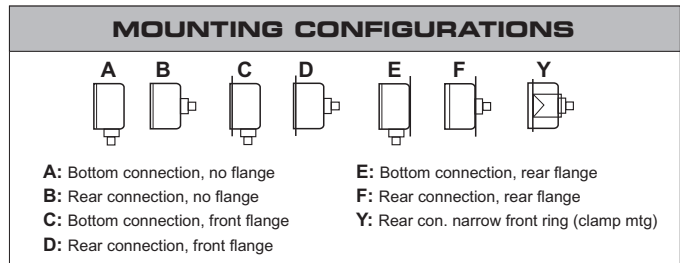
Class 1

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



STANDARD PRESSURE RANGES

Ranges	Figure Interval	Minor Graduations	Ranges	Figure Interval	Minor Graduations
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

Casing Type: _____ R 3 A 100 G 1/2 B 1000 kPa
 Gauge Type: _____
 Configuration: _____
 Dial Size: _____
 Glycerine filled / Dry: _____
 Connection Size: _____
 Pressure Range: _____