



PRESSURE MEASUREMENT

Tyre Pressure Gauge

Type R3: Stainless steel case with brass internals

Data Sheet P TYRE3

Service Intended

Suitable for inspection of tyre air pressure in the automotive and industrial environment.

Case Details

Nominal Dia: 63 mm standard.
50, 80 & 100 mm dia on request.
Material: Stainless steel 304

Bezel

Type R: S/Steel rolled ring type - tamper proof.

Pressure Connections

Material: Type 3: Brass self sealing valve fitting.
Position: See "Mounting Configurations".

Pressure Element

Material: Type 3: Cu-alloy.

Geared Movement

Material: Clockwork brass.

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

Accuracy Class

Class 1.6 (1.6 % of full scale value)

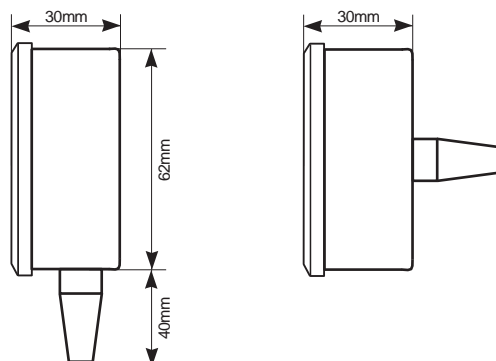
Optional Extras

Calibration Certificate
Rubber cover (for robust handling)
Customized scale plates (customer logo, red line, etc)
Special Dials, other than standard (psi, inHG, etc)
Colour Coding of dial
Drag pointer (maximum set pointer)
Damped movement (Vibrageauge)



For dimensional drawing see technical section

MOUNTING CONFIGURATIONS



A - Bottom Connection

B - Rear Connection

STANDARD PRESSURE RANGES

Ranges	Figure Interval	Minor Graduations
Standard pressure range		
Dual scale 0 / 400 kPa (primary), 0 / 4 bar (secondary) scale	100	10
Dual scale 0 / 1000 kPa (primary), 0 / 10 bar (secondary) scale	200	20
Optional pressure ranges		
Dual scale 0 / 60 kPa (primary), 0 / 0,6 bar (secondary) scale	10	1
Dual scale 0 / 100 kPa (primary), 0 / 1 bar (secondary) scale	20	2
Dual scale 0 / 160 kPa (primary), 0 / 1,6 bar (secondary) scale	20	5
Dual scale 0 / 250 kPa (primary), 0 / 2,5 bar (secondary) scale	50	5
Dual scale 0 / 600 kPa (primary), 0 / 6 bar (secondary) scale	100	10
Dual scale 0 / 800 kPa (primary), 0 / 8 bar (secondary) scale	100	10

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