



PRESSURE MEASUREMENT

Locomotive Gauge RW4

Data Sheet P Loco RW4

Service Intended

Specifically designed duplex gauge for diesel / steam railway and industrial locomotive use. Illumination slots behind the bezel or flange facilitates easy reading in dim environments. Removable front flange available with or without illumination slots.

Case Details

Nominal Dia: 100mm diameter.
Material: Stainless steel 304

Bezel

Material: Stainless steel 304 or mild steel powder coated.

Mounting Configuration

Duplex bottom or rear connection with removable front flange with or without illumination slots, in stainless steel or mild steel powder coated.

Pressure Connections

Material: Brass - duplex bottom or rear
Sizes: 3/8" BSP standard, other sizes on request

Pressure Element

Material: Cu-alloy.

Pressure Ranges

-100...6000kPa (also bar, psi, etc.)

Geared Movement

Material: Clockwork brass

Pointer

Collet: Aluminium or brass
Blade: Black or white aluminium depending on dial colour.

Dial

Material: Aluminium, black with white lettering or white with black lettering.

Window

Instrument glass or plexiglass.

Weather Protection

IP 54 Dust resistant.

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 damped movement is recommended.

Accuracy Class

Class 1

Operating Temperature

Ambient: -20 °C to + 60 °C
Medium: +70 °C

Optional Extras

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

