



**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

