



Brake Pressure in Road/Rail Vehicles



Application:

Pressure measurement for operating pressure (HBL) and main brake pipe pressure (HL)

Manufacturers and maintenance companies of road/rail vehicles

For companies with an own railway siding, it is often uneconomic to acquire an own shunter. This might be the opportunity to use a road/rail shunting vehicle. These are specially equipped freight vehicles, which can be operated both on a conventional road and on railway tracks. In order to shunt waggons, the road/rail vehicle must be provided with the appropriate equipment, including a compressed air brake system.



The problem:

According to the Directive 931.0103 "Construction requirements for road/rail vehicles", pressure gauges for operating pressure (HBL) and main brake pipe pressure (HL) with a diameter of 80 mm (3.15") with quality class 1 are part of the basic equipment of a road/rail vehicle, which is equipped with a rail car brake system.

Our solution:

A rail car pressure gauge from our standard programme according to DIN 38 030 is used. The inscriptions are aligned to the Directive 931.0103 of the "Deutsche Bahn" (German Railways).

Whether on the road or on rails: Duplex pressure gauge DRChg 80 – 1 Fz rmBFr

- ◆ Indication accuracy $\pm 1.0\%$ (class 1)
- ◆ Luminous bright red pointer for indication of main brake pipe pressure (HL)
- ◆ Yellow pointer for indication of operating pressure (HBL)
- ◆ Standard version with two types of lighting, direct (light bulb or LED) and indirect via light slits in the case
- ◆ Intended for installation in control panels
- ◆ Up to 1,000,000 load alternations (braking processes) – without maintenance
- ◆ Connections in various versions possible

