

# DUPLEX GAUGES



**SURFACE MOUNT  
TYPE SB**



**FLUSH MOUNT  
TYPE FR**

The duplex gauge is most commonly known as a dual pressure gauge, consisting of two independent bourdon tube systems with two independent pointers within the one gauge.

Various uses within the general industry are for reading differential pressures across filters, orifice plates etc and more commonly on rail transport braking systems. Duplex gauges can also be a big advantage when installed in panels due to the space saving using only one gauge instead of two. Dials can be produced as a single scale, dual or even with two different scale ranges, special markings such as coloured bands, lines or sectors can also be offered.

These gauges are manufactured to an IP 54 and will withstand most environmental and mechanical shock conditions with their cast brass or aluminium cases but are not suitable for corrosive applications due to the brass and bronze wetted components.

**TYPE:** **DB** Direct Mount Bottom Entry  
**SB** Surface Mount Bottom Entry (rear flange)  
**FR** Flush Mount Rear Entry (front flange)

**DIAMETER:** 100mm or 125mm

**ACCURACY:** +/- 1.0% of full scale deflection

**BOURDON TUBE:** Phosphor Bronze

**MOVEMENT:** Machined Brass, Nickel Silver Pinion

**CONNECTION:** Male Brass 1/4" BSP or 3/8" BSP

**RANGES:** Up To 4,000 kPa