No matter how unstable the surroundings are, how extreme the temperatures fluctuate or which distance a rail network covers: railway technology must function reliably, always and at any time. Operators and suppliers in the railway industry have therefore counted on robust and resilient IMI Buschjost valves for more than 40 years.

The valves have already proven themselves over millions of kilometres of railway operation and are applied for a wide variety of purposes. One such purpose is drainage: they are used, for example, to shut off hand-washing basins or are installed in conveyors for both fresh and grey water. HVAC and pantograph control systems are also typical fields of application.
The IMI Buschjost product portfolio for the railway sector consists of proven standard products and tailor-made solutions, meeting the specific requirements of the railway industry:

- Shock and vibration tested according to EN 61373, Category 1, Class A and B
- Voltage tolerances +/- 30 %
- Fire protection according to EN 45545 on request
- Ready for use at temperatures between -40 and +85 °C (-40 and +185 °F)
- Operating pressure: 0 ... 40 bar

Solenoid valves without differential pressure
- G1/4 ... 2, DN 15 ... 50
- ISO G, NPT, flange
- Brass, stainless steel
- Operating pressure: 0 ... 40 bar

Solenoid valves with differential pressure
- G1/4 ... 2, DN 8 ... 50
- ISO G, NPT, flange
- Brass, stainless steel
- Operating pressure: 0,1 ... 16 bar

- Water hammer prevention: damped closing as a standard feature
- Components made of durable and robust materials (e.g. stainless steel pistons)
- Suitable for systems with low or fluctuating pressure
- High flow rate
- Depending on the application, valves operate with or without differential pressure
- Suitable for vacuum up to 0.9 bar absolute

Externally actuated valves
- G1/2 ... 2, DN 15 ... 50
- ISO G, NPT, flange
- Brass, stainless steel
- Operating pressure: 0 ... 25 bar

Individual solutions...
...according to customer requirements, for example:
- G1/4
- ISO G
- Aluminium
- Operating pressure: 0 ... 12 bar

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