



CARWASH TECHNOLOGY

Innovative Valve Technology

ILL COMPONENTS AND SOLUTIONS FOR THE CARWASH TECHNOLOGY

Solenoid valve for fresh water supply or water treatment

- 2/2-way pilot operated diaphragm solenoid valve
- Material: nickel-plated brass
- Pressure range: 0.15-16 bar

Modular valve, optionally with integrated bypass (incl. non-return valve) for external product and additives supply.



Water battery for fresh water or industrial water distribution

Consisting of:

- Five 2/2-way pilot operated diaphragm block valves
- Foam generator
- Non-return valves
- Strainer



Water dispenser block for underbody wash

- Water inlet: G1
- 4 outlets G¹/₂
- Controlled through angled tube connection ⁶/₄, central water inlet G1 for all outlets
- Dispenser block/control cylinder: electropolished brass
- Direct pressure controlled

For supplying water to the underbody wash nozzle tubes. This dispenser block is developed especially for carwash stations.



Foam generator

Consisting of:

- Foam tube
- Strainer valve with fixed hose connection
- Pressure regulator
- Manometer
- Angled fitting
- Hose nozzle
- Ball valve
- Opening pressure: 0.7 bar

To generate foam for shampooing.



High-pressure valve for the pre-wash process

- 2/2-way pneumatically operated 2-fold high-pressure dispenser block with two outlets through high-pressure screw fitting G³/₈
- Material: brass
- Pressure range: 0-100 bar
- Air connection through angled fitting
- Available as 1-fold to 4-fold block

For the supply of high-pressure components e.g. tire wash nozzles.



Rim cleaner pump

- Pressure-controlled piston pump with spring return
- Pressure range: 1-10 bar
- Dosing volume: 1-50 ml per stroke (continuously adjustable through setting screw)
- Input/output through screw fitting G¹/₄ with non-return valve
- Control air through nipple $^6\!I_4$

For water and detergent supply and distribution.



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to control the entire carwash station

Consisting of:

- Filter regulator
- Oiler
- Pressure regulator
- Fitting block

Compact unit for the supply or distribution of compressed air to the components (e.g. dosing pumps) as well as all pneumatic components.



IDE OUR PRODUCT RANGE

Solenoid valves

Pressure-controlled valves

Motor-driven valves

Special custom-made valves

Accessories

Other options on request