

Product



No. 1 Position

Shortest cycle times at a maximum flow rate and compact design.

Product Features

Unique Selling Points

- ✓ Maximum flow rate at a compact design/less interfering contours
- ✓ Short switching times cause faster motion times of the grippers
- ✓ Variable mounting concepts: plug-in or screw-in

Other product features:

- ✓ Flow volume 30 NL/min
- ✓ Complete separation of media, suitable for non-corrosive gases and fluids
- ✓ Maximum interfering contour of 9 mm
- ✓ Flow rate and switching time are configurable to customer requirements
- ✓ Flexible electrical contact, e.g. circuit board or plug connector

Market and Competitors

Key Competitors

- ✓ Staiger: Ventil Spider size 7mm
- ✓ Lee: LIF series

Advantages towards competitors:

- ✓ higher flow rate

Cost Effectiveness/ Customer Benefits

Customer benefits:

- ✓ Can be used for direct assembly at the actuator even in confined spaces. Therefore a considerable saving of air and reduced cycle times are achieved
- ✓ Integrable into customer applications
- ✓ Electrical control via impulses of up to 4 valves per control unit

Questions about the product? Your contact person is M. Nagel (+49 - 7133 - 103 - 2561)

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Technical Data/ Functions

Technical Data:

- ✓ Size 10
- ✓ Nominal size 1mm
- ✓ 12V and 24V operating voltage
- ✓ Up to 30NI/min
- ✓ O.D. 9 mm
- ✓ Pressure ranges: -1...1 bar
- ✓ Options: 3-8 bar

Industries and Application

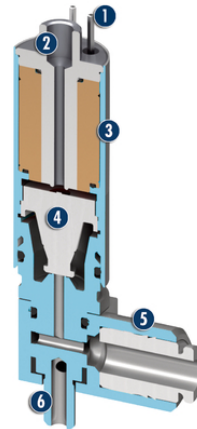
The micro valves are excellently suitable for fast assembly and handling processes, and also for complete industrial automation.

MV 10 particularly convinces in the following industries

- ✓ Handling and assembly technology
- ✓ Small part handling
- ✓ Medical technology
- ✓ Applications
- ✓ Vacuums switches for insertion machines
- ✓ Control of grippers
- ✓ Metering of liquids

Additional information

Cross Section



1. Electric connection for connectors, solder connection or circuit boards
2. Pneumatic connection
M3 Internal thread
3. Valve housing
O.D. 9mm
4. Valve piston
5. Pneumatic connection P
Push-in connector for supply pressure
6. Pneumatic connection A
external thread

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