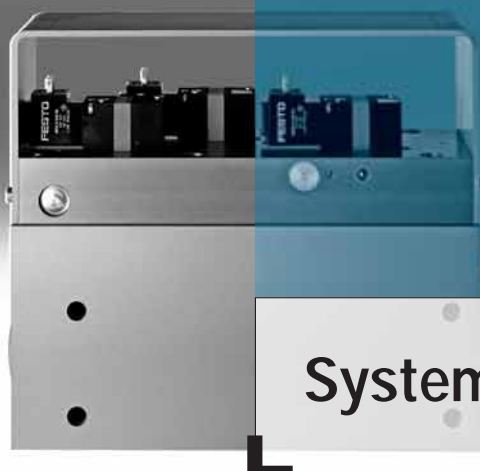


High pressure valve block

FESTO



Systematically faster!

Maximises the output and minimises the rejects:

Process reliability and high-performance in the PET-bottle production with the innovative high pressure valve block for pre-blowing and air exhaust.

In focus:

Most varied requirements for a high pressure valve for pressures up to 40 bar. Like e.g. process reliability, flexibility, fast cycle times, reproducibility and maximum quality with small sizes.

Highly accurate:

The excellent reproducibility of ± 2 ms ensures reliability and guarantees an optimal processflow.

Highly economical:

Extremely high service life of over 30 million switching cycles - with only two maintenance intervals.

Extremely compact:

The valve functions are fully integrated in a monoblock.

Everything from a single source:

Whether it be a stretch-forming cylinder or a pusher unit: the complete offer saves time and money – from the design to the service.



Reproducible!

Process-reliable!

Compact!

919.1.PSI →

Product Short Information

High pressure valve block

Technical data:		
Nominal diameter		22 mm
Operational principle		Poppet valve, pressure compensated
Valve functions:	Pre-blowing	2/2-way valve, normally closed
	Blowing	2/2-way valve, normally closed
	Air evacuation	2/2-way valve, normally opened
Pressure ranges:	Pre-blowing pressure:	0 ... 16 bar
	Blowing pressure:	40 bar
	Pilot pressure:	6,5 ... 8 bar
Ambient temperature		0 ... 50 °C
Temperature of medium		10 ... 50 °C
Reproducibility		+/- 2 ms
Service life		30 million switching cycles (with 2 maintenance intervals)
Lubrication		Grease with NSF-H1 certification
Power		3 x 1.5 W
Voltage		24 V DC
Optional function: Adjustment of the flow rate during fore-blowing (scalable)		

Simple maintenance:

Less maintenance effort due to very good accessibility to the internal components. Pre-assembled cartridge units enable extremely quick replacement.



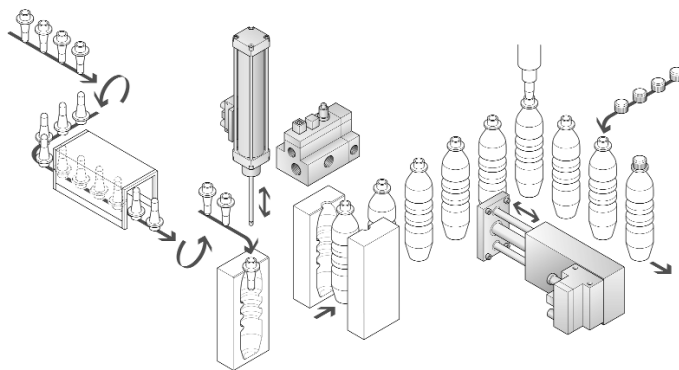
Individual valve

Individual valve or compact valve manifold

From individual valves to compact valve manifold to modular valve blocks.

Everything from a single source: Other components for the PET-bottle production, e.g.:

- Stretching unit with integrated guide
- Stretching cylinder-valve-combination
- Pusher unit (cylinder-valve-combination)
- High pressure regulator
- 40 bar valve for blow moulding compensation
- Multi-position cylinder for bottle air conveyor



Option: Adjustment of the rate of flow during pre-blowing (scalable)

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