

AVENTICS 

CLO3 SERIES

THE VALVE SYSTEM WITH THE
HIGHEST PROTECTION CLASS

Pneumatics
It's that easy





The ultimate in hygienic design

Clean line to the maximum. The CL03 series is the ideal valve system for pneumatic solutions in the food industry – hygienic design, utmost configuration flexibility, module extension possible at any time, and protected at the highest level.

Flexibility and safety without compromises

Through its hygienic design and the use of NSFH1 lubricants, the CL03 is suitable for use in applications with direct food contact. The system features an especially high protection class of IP69K and the special resistance of the high-tech polymer to aggressive chemicals and cleaning materials enable simple and fast cleaning of the equipment at any time, making it ideal for wash-down applications, even under harsh conditions and high temperatures. Simply unbeatable.

- Modular, flexible, hygienic
- Also available as CL03-EV single valve
- Two sizes can be combined



The first choice for hygienic design, with added flexibility

Two combinable sizes, alternative electrical connections, and the ability to additionally integrate single valves from the series into an installation make the series ideal for custom-configured pneumatics solutions. Based on its hygienic design, CL03 systems can also be placed directly in the vicinity of the actuators, cutting down on control cabinets as well as additional tubing and cables for power and compressed air supply.

| Variants | CL03 | CL03-XL | CL03-EV |
|------------------------------------|-----------------------------------|------------|-------------------|
| Max. flow | 850 l/min | 1100 l/min | 700 l/min |
| Valve functions | 2x3/2, 5/2, 5/3 directional valve | | |
| Connections | G1/4, Ø 5/16, Ø 10, Ø 3/8 | | Ø 8, G1/8 |
| Electrical control | Multipole plug, fieldbus | | M12x1 |
| Protection class | IP66K, IP67, IP69K | | IP65, IP67, IP69K |
| Valve positions/ solenoid coils | 16/32 | 18/32 | 1/2 |
| Food-grade grease | ✓ | ✓ | ✓ |

- ✓ No joints or gaps, easy to clean
- ✓ High safety through IP69K protection class
- ✓ Ideal for (high pressure) wash-down applications
- ✓ Food-grade grease
- ✓ Flexible for custom configurations
- ✓ Up to 32 pressure levels
- ✓ First EHEDG certified pneumatics valve system

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