

Clean Line, Valve Terminal System Series CL 03

Hygienic design with high protection class



Rexroth has developed a complete new generation of valve terminal systems to make your food processing and packaging business more successful. Series CL 03, Clean Line, is the strong new cornerstone for food and packaging products. Its features include hygienic design, high protection class, modularity and flexibility. Once again, Rexroth is a pioneer in wash-down applications. Direct-mounted valves make it possible to get close to the actuators. The result – a faster machine and lower installation costs.

CL 03, Clean Line, is pioneering the food and packaging industry



Hygienic

Clean Line is ideal for wash-down applications and is easy to clean. There is space between the valve protection covers and there are no dirt pockets. The colours are light and all sealings are positive, i.e. visible. The plastic material in the subbases and the covers is carefully selected in order to withstand detergents and aggressive chemicals.



Modularity

The Clean Line valve terminal system consists of individual subbases. Because of the internal electrical wiring in each subbase, Clean Line can easily be expanded to up to 16 valves in single valve increments.



Flexibility

Since each valve can be individually supplied with two different pressures, one valve system can actually handle up to 32 different pressures! This means that you will always be able to use the optimal pressure for each cylinder. The pilot valves can be supplied externally or internally. The internal supply can be provided individually, or through the left end plate. It is also easy to reconfigure the pilot supply after delivery.



Wash-down applications

For wash-down applications the IP 67 / NEMA 6-version with protective covers is recommended. The high protection class and the carefully selected materials in covers, subbases and sealings provide a reliable valve system. Manual override is well protected under the covers. If access to manual override is required the portable control box, offered as an accessory, can be connected.



Cabinet mounting

If mounting in cabinets is preferred, Rexroth can also offer an IP 65 / NEMA 4-solution without the protective covers. The flexibility and modularity are the same. A Mecproof mounting that separates the electrical connections from the pneumatics can be a good solution. The cabinet requires only one Mecproof seal and one perforation.



Multiple plug or field bus connection

Field bus connection is possible for both IP 67 / NEMA 6 and IP 65 / NEMA 4-versions. The bus module can be mounted directly onto the valve terminal system or apart from it. A directly mounted bus module works on the IP 65 / NEMA 4 version only. PROFIBUS DP, DeviceNet, CANopen, INTERBUS and AS-i protocols are available.