

Statement

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“A Hygienic Design Is of the Utmost Importance”

The CL03 valve terminal system from Rexroth now has EHEDG certification



Roland Kriszt, Industry Manager for the Pneumatics Business Unit at Bosch Rexroth AG: “A hygienic design is of the utmost importance in the food and beverage industry. Our CL03 valve terminal system has been developed in line with strict standards and thus complies with EHEDG guidelines.”

“The food and beverage industry is an especially demanding sector with strict requirements on machinery equipment. OEMs and end users need the best-possible components in their systems in order to optimize cleaning processes. Rexroth took the opportunity to become the first pneumatics manufacturer to join the European Hygienic Engineering & Design Group (EHEDG) and is now proud to present its EHEDG-certified product.

The EHEDG is a consortium of experts in the fields of food industry, machine construction, and research that specifies criteria for the hygienic design of systems used in the production of food products. The association’s main aim is to increase food safety by optimizing machines and systems.

As a member of the EHEDG, Rexroth supports its aims and assists in improving essential design criteria based on its expertise in automation. We are also sending a clear signal that we are familiar with the challenges faced by our partners in the food industry and are willing to address them head on.

Rexroth’s extensive experience in the food industry and its close cooperation with the EHEDG have resulted in another milestone for our product range: The CL03 valve terminal system has been especially developed in accordance with

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strict criteria for use in the food industry. It was awarded EHEDG certification in January 2010, making it the very first pneumatic component to achieve this distinction.

The CL03 valve terminal system's design and specific materials successfully withstood tests to measure resistance to the most-varied cleaning chemicals. The valve housing was designed in line with hygienic criteria to avoid joints, grooves, or gaps. Classified in the high protection class IP69K, this valve terminal system is ideal for cleaning at high pressure and at high temperatures. This helps to avoid dirt pockets and the associated contamination risks, making it perfect for areas that come into direct contact with food. The CL03 valve terminal system has a modular design and comes in many different variants, including field bus connection.

Our cooperation with the EHEDG and certification of relevant products assures our customers that they are using hygienic components, enabling smooth manufacturing of food products. Compliance with EHEDG criteria is monitored annually by an institute authorized by the association. This is to our advantage, as a hygienic component design is of the utmost importance to our food industry customers. We saw a need on the market and acted accordingly. As a result, we are making an important contribution to food safety – not only for our specific customers, but for all consumers.”

Bosch Rexroth AG is one of the world's leading specialists in the field of drive and control technologies. Under the brand name of Rexroth the company supplies more than 500,000 customers with tailored solutions for driving, controlling and moving machinery used in industrial and factory automation as well as in mobile applications. Bosch Rexroth is a partner for industrial applications and factory automation, mobile applications and using renewable energies. As The Drive & Control Company, Bosch Rexroth develops, produces and sells components and systems in more than 80 countries. In 2008 Bosch Rexroth AG, part of the Bosch Group, achieved sales of around 5.9 billion Euro with 35,300 employees.

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