

Press Release

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Field Bus Solution for Wet Areas

Rexroth expands its product range of valve terminal systems for use in wet areas



The new version of the CL03 valve terminal system has an integrated field bus.

Rexroth has expanded its offering of the CL03 (Clean Line) pneumatic valve terminal system to include a version with an integrated field bus. The new CL03 version supports the common Rexroth field bus protocols Profibus, DeviceNet and CANopen, as well as Rexroth's Drive & Diagnostic Link (DDL).

The CL03 Series is used particularly in areas where direct contact with food is possible, as well as areas where high-pressure, high-temperature cleaning of machines is required. The special materials and construction of the CL03 were tested for use with chemicals and allow for easy cleaning. The hygienic design of the plastic cover, without any seams or gaps, prevents dirt accumulation. The CL03 is mounted directly in the system and does not require a control cabinet, which means that no additional tubing or cables for power or compressed air supply are necessary.

The system can incorporate up to 16 valves in one unit. The CL03 valves can be individually expanded, even after assembly, without needing to disassemble the entire unit. The CL03 consists of individual base plates; each of these plates has its own internal cabling and can be separately supplied with compressed air. As a result, up to 32 different pressures can be used in one system. The new valve

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unit with integrated field bus has two separate power supplies, which is advantageous for emergency off solutions.

The CL03 pneumatic valves have flows of 700 to 850 l/min. and fulfill the requirements for the IP69K protection class. The previous offering included CL03 valve terminal systems with multiple plug connections, a direct field bus connection with an IP 65 protection class, and an remotely mounted bus module with an IP69K protection class. Existing multiple plug solutions can easily be exchanged for an integrated field bus.

Rexroth at the FachPack 2007 in hall 1, stand 248.

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. As The Drive & Control Company, Bosch Rexroth develops, produces and sells components and systems in more than 80 countries. In 2006 Bosch Rexroth AG, part of the Bosch Group, achieved sales of approximately 4.9 billion Euro with more than 29,800 employees.

For more information please visit: www.boschrexroth.com

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