

Burkert's AirLINE Quick Provides a Flexible, Time Saving Solution for Pneumatic Control of Actuators in Hygienic Processes

Burkert's new AirLINE Quick offers a reliable, compact and time-saving solution for the direct mounting of Burkert's type 8640 valve islands and AirLINE 8644 automation system into control cabinets, eliminating the need for bulkhead connections and internal piping. Manufactured in a high-quality stainless steel version, and incorporating features such as integrated exhaust check valves, the AirLINE Quick adapter allows an altogether smaller design of control cabinet for hygienic process actuation in the food, beverage or pharmaceutical industries.

The AirLINE Quick mounting system consists of an adapter plate integrated at the pneumatic connection of the AirLINE automation system. The adapter plate enables fast and easy mounting directly on the wall or floor of the control cabinet. An additional plate on the outside provides for added stability.

With AirLINE Quick, all pneumatic connections can be mounted directly on the control cabinet base or side eliminating the need for bulkhead connectors. Also integrated is the fieldbus communication and modular I/O for an altogether smaller design of control cabinets. Additional components such as pipes, cables or control cabinet connections are eliminated, due to direct mounting, further reducing the time needed for installation and commissioning.

For use in hygienic processes, the AirLINE Quick adapter plate and connections are available in a stainless steel (1.4301) version. However, for less critical applications, a lower cost anodised aluminium model is available, with pneumatic connections manufactured from nickel-plated brass.

The AirLINE Quick adapter is a complement to Bürkert's valve terminals and automation systems, which are designed for use in many different areas of hygienic processes and readily fulfil the high standards of the market segment.

This compliance is ensured by the integrated process safety features of the type 8640 valve terminals and type 8644 automation system: features that are especially important in hygienic processes.

For example: check valves integrated in the exhaust air galleries ensure that during system emergency stop situations all actuators are shut down simultaneously and safely. These units also prevent back pressure accumulation in a valve block, which could result in unwanted switching of a valve, with serious consequences for the process. In addition, Burkert's time-tested HotSwap function allows replacement of faulty valves, even during operation, without the risk of loss of air pressure on the entire valve block.

About BURKERT

Bürkert Fluid Control Systems is one of the leading manufacturers of control and measuring systems for fluids and gases. The products have a wide variety of applications and are used by breweries and laboratories as well as in medical engineering and space technology. The company employs over 1,800 people and has a comprehensive network of branches in 33 countries world-wide.

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