

28<sup>th</sup> October 2016

## **The best components for automating your process**

Bürkert and Siemens combine their expertise

**Maximum system availability and process reliability for pneumatic controllers is the goal of a strategic partnership between Bürkert and Siemens. The result of the cooperation is the new Type 8647 AirLINE SP valve island, which is compatible with the Siemens I/O system SIMATIC ET 200SP. Bürkert will present the valve island system at SPS IPC Drives in Nuremberg from 22 to 24 November 2016.**

The highly versatile valve island was developed for use in the food & beverage, pharmaceuticals and cosmetics industries, as well as in water treatment systems. To save space it can be mounted in the control cabinet together with different Siemens modules for controlling up to 64 valve functions. The valves are directly connected to the Siemens I/O system. This enables fast and seamless integration both at the time of commissioning and later, during monitoring of operation. The display of the number of switching cycles allows optimal preventive maintenance of the system to minimise wear and downtimes. Maximum system availability is achieved by means of the pneumatic valves in the supply channel: they are hot swap capable, so they can be replaced during operation.

## **Status information enables fast reaction**

The Type 8647 AirLINE SP valve island features pressure sensors and an LCD, which displays detailed status information such as the position of the pilot and process valves directly at the device – both by means of icons and plain text. This enables fast detection and elimination of faults. The use of ring topology and the Media Redundancy Protocol (MRP) ensures continued operation of the system in the event that a communication client fails. This increases system availability and ensures the reliability of the customer's process.

## **Mixing of media is impossible**

Like all Bürkert valve islands, the Type 8647 has a crucial safety function: check valves in the exhaust duct. They ensure that pilot valves and actuators operate reliably, by preventing pressures peaks. This eliminates the possibility of any mixing of different media.

Bürkert Fluid Control Systems

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**Bürkert will exhibit at SPS IPC Drives in Hall 3A, Booth 161.**

(2179 characters, including spaces)

**Caption:**

The new Type 8647 AirLINE SP valve island from Bürkert is compatible with the Siemens I/O system SIMATIC ET 200SP and provides important functions for maximum process reliability

**Keywords:**

valve island, I/O system, SIMATIC ET 200SP, Siemens, SPS IPC Drives

**Meta-Title:**

Bürkert valve island for maximum process reliability

**Meta-Description:**

The Type 8647 valve island from Bürkert is compatible with the Siemens I/O system SIMATIC ET 200SP and offers maximum process reliability. Learn more here.

**Deeplink:**

[http://www.buerkert.de/de/Landingpage/Ventilinsel-kompatibel-mit-SIMATIC-ET200-SP-von-Siemens?utm\\_source=Advertising%20material%20xxx&utm\\_medium=Banner&utm\\_campaign=Type&utm\\_content=8647](http://www.buerkert.de/de/Landingpage/Ventilinsel-kompatibel-mit-SIMATIC-ET200-SP-von-Siemens?utm_source=Advertising%20material%20xxx&utm_medium=Banner&utm_campaign=Type&utm_content=8647)

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**About BÜRKERT**

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Bürkert Fluid Control Systems is one of the world's leading manufacturers of measuring, control and regulating systems for liquids and gases. Bürkert products are used in a wide range of industries and applications – ranging from breweries and labs to medical, bio-engineering and aerospace technology. With a portfolio of more than 30,000 products, Bürkert is the only supplier to offer all fluid control system components, from solenoid valves to process and analytical valves, from pneumatic actuators to sensors.

With its headquarters in Ingelfingen in southern Germany, the company has a wide-ranging sales network in 36 countries and more than 2,500 employees worldwide. Bürkert continuously develops customized solutions and innovative products at its five Systemhaus locations in Germany, China, and the USA, and in four research centers. The product range is supplemented by BürkertPlus, the comprehensive service that supports customers throughout the entire product life cycle.

Further information is available from the links below:

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