We make ideas flow.

bürkert
FLUID CONTROL SYSTEMS

Valve island Type 8652 AirLINE

Holistic process automation

Bürkert: Your partner for the automation and digitisation of fluidic processes. Our portfolio ranges from field devices such as process valves and sensors, to integrated solutions for the pharmaceutical and food industry.

Modular & flexible process automation

A real all-rounder: flexible for the process requirements, the valve island Type 8652 AirLINE can be implemented in the required configuration level. The basic design is always the same and can be flexibly extended with the desired modules. The compatibility of the modules means the system can be upgraded at a later stage without any problems.

8652 Basic

- ✓ Common communication protocols
- ✓ Smart AirLINE Quick installation concept
- ✓ Check valves
- ✓ Hot-swap capability
- ✓ (And more ...)

Increased process reliability thanks to **pressure sensor**, monitoring the pneumatic compressed air supply

Compact plain text **display** for predictive diagnostics – with/without integrated **digital inputs** for connecting external signals

Increased process reliability thanks to valve with channel-by-channel **safety shutdown** (SIA valve)

8652 Standard

- ✓ PROFINET S2 (system redundancy)
- ✓ Modular safety shutdown (EVS function)
- ✓ Extended diagnostics (e.g. wire break detection, pressure value display, etc.)
- ✓ (And more ...)

Comprehensive basic configuration & scalability

The valve island has a comprehensive basic configuration, with common communication protocols enable flexible connection to standard PLCs. Check valves and switching cycle counters are also integrated to increase process safety and reliability. If desired, the valve islands can be installed and delivered in a suitably designed control cabinet. When installed in control cabinets, you can benefit from the intelligent installation concept AirLINE Quick, which enables fast pneumatic tubing.

CANopen CC-Link IE Field EtherCAT EtherNet/IP PROFIBUS PROFINET Modbus TCP

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Your advantages

Simplified handling: a flexibly upgradable solution offers advantages in terms of spare parts management, operation and documentation

Process reliability: integrated check valves, switching cycle counters, diagnostics and shutdown functions keep your process under control

Time saving: faster installation thanks to the AirLINE Quick installation concept

Scalability: from individual valve islands in various configuration levels, to turnkey control cabinet solutions – we offer everything you could wish for

Application example

Ehrmann SE
Modernisation of process pneumatics

"In close cooperation with Bürkert, the modernisation of the complex process pneumatics was managed quickly."

Reinhard Huber, team leader for electrical engineering at Ehrmann.

Further insights into our work with Ehrmann SE can be found on our website.

Discover the wide range of options in the configurator

Configure your own valve island to suit your specific requirements. Click on "Configure product" to get started!

Configure product!

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