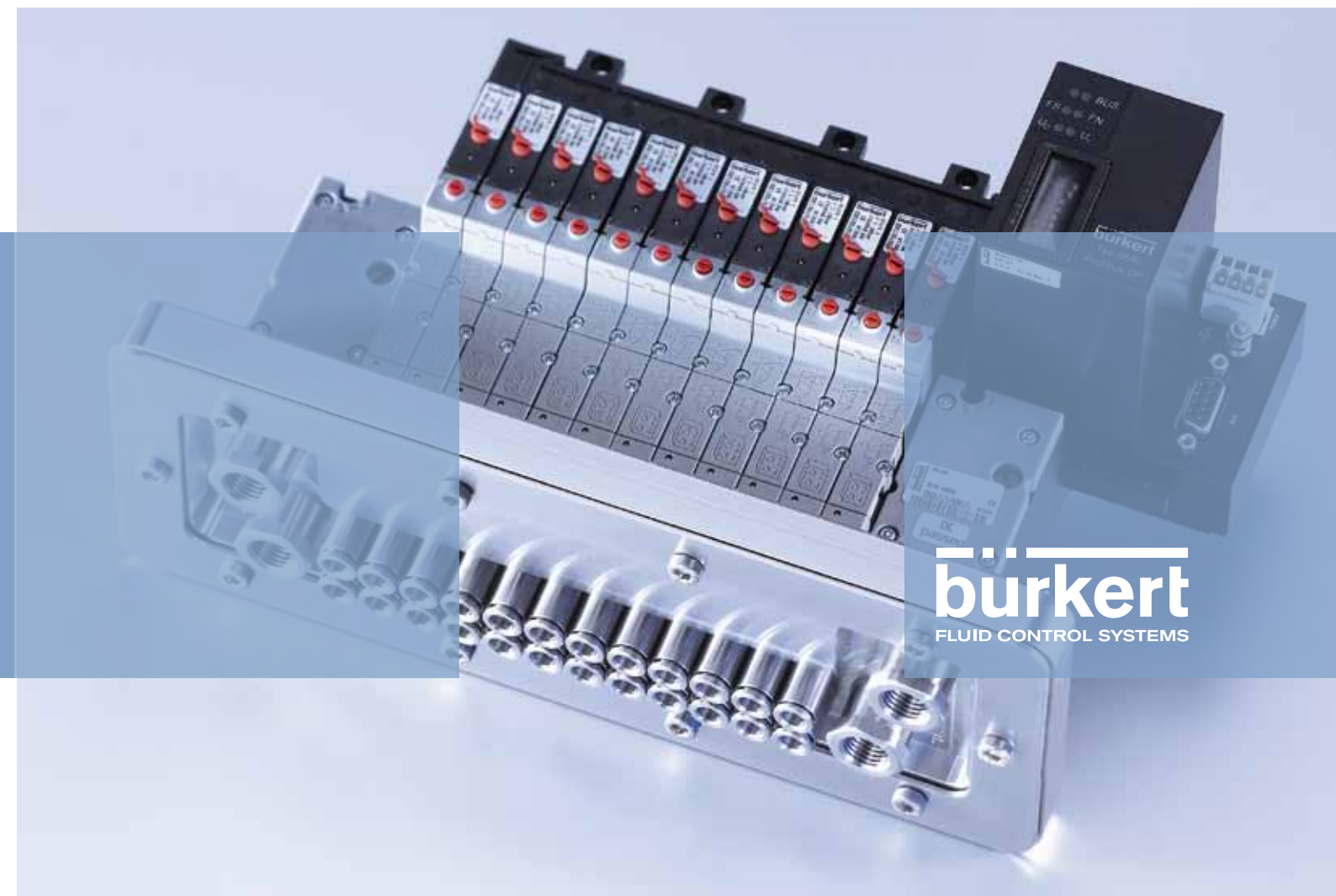


AirLINE Quick

Adapter for valve terminals and automation systems



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burkert
FLUID CONTROL SYSTEMS

- reduced number of components in control cabinets
- fast installation
- smaller control cabinets can be used
- in stainless steel for hygienic applications
- in anodized aluminium for general purpose
- AirLINE Quick in fully assembled control cabinet from one source

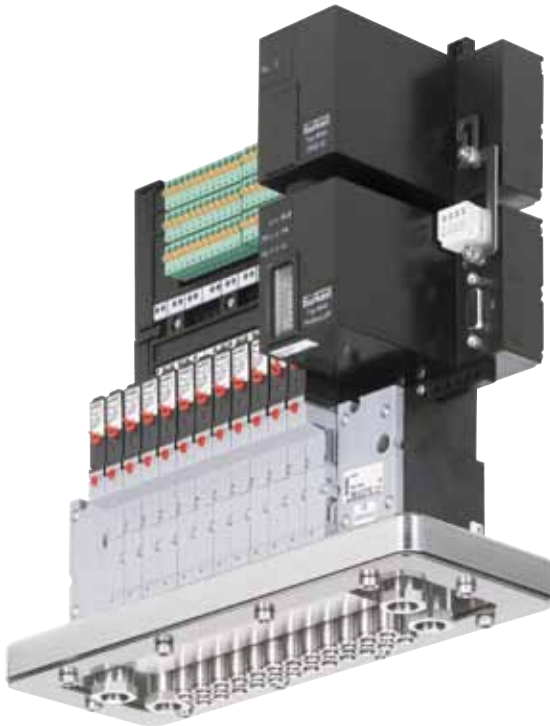
Clean up your cabinet

Higher flexibility for your control cabinet with AirLINE Quick

The diverse areas of application for the Type 8640 valve terminal and the Type 8644 automation system in the food and beverage industry is expanded by AirLINE Quick with a stainless steel adapter plate and stainless steel push-in connectors for hygienic applications. Installation and commissioning are reduced to a minimum. You determine the installation location of the valve terminal or valve block: on the wall or floor of the control cabinet. AirLINE Quick supports both options.



AirLINE Quick automation system Type 8644 with cooperations partner Siemens



AirLINE Quick valve terminal Type 8640 with Profibus DPV1, 24 valve functions and 24 digital inputs

AirLINE Quick significantly reduces the number of components in the control cabinet. You need fewer pneumatic hoses and cables and you can integrate AirLINE Quick directly in the floor or wall of the control cabinet, eliminating the need for bulkhead connections on the cabinet.

A unique feature of the Type 8640 and the Type 8644 automation system is the combination of the pneumatic connections, field bus interface and I/O modules directly on the floor or wall of the control cabinet, which means that the control cabinet can be generally smaller than in the past.

AirLINE Quick, combined with the important integrated process safety features such as check-valves which are integrated in the exhaust air channels and the pneumatic hot-swap function (P-channel shut-off) which makes it possible to replace a valve while the system is in operation, now offers the optimal solution for pneumatic piloting devices in process technology for hygienic applications.

In addition to AirLINE Quick in a stainless steel version for hygienic applications, the concept is also available for general purpose applications with an anodized aluminium adapter plate and nickel-plated brass pneumatic connections.

AirLINE Quick as a component or in a separately mounted control cabinet? You choose the product that suits your requirements!

Technical data

Material of AirLINE Quick adapter

- Stainless steel 1.4301
- Anodized aluminium

Material of pneumatic connections for AirLINE Quick adapter

- Stainless steel 1.4301
- Nickel-plated brass

Connections for pneumatic supply of AirLINE Quick adapter

- G 1/4
- NPT 1/4

Connections for pneumatic working connections of AirLINE Quick adapter

- Push-in 6mm
- D 1/4"

Installation location

- Control cabinet wall
- Control cabinet floor

Valve functions per station

- For Type 8640: 8, 12, 16 and 24
- For Type 8644: 8, 16 and 32

Flow rate of valves

- 150 l/min with integrated process safety features (check-valves & pneumatic hot-swap function)
- 300 l/min without integrated process safety features

Pressure range

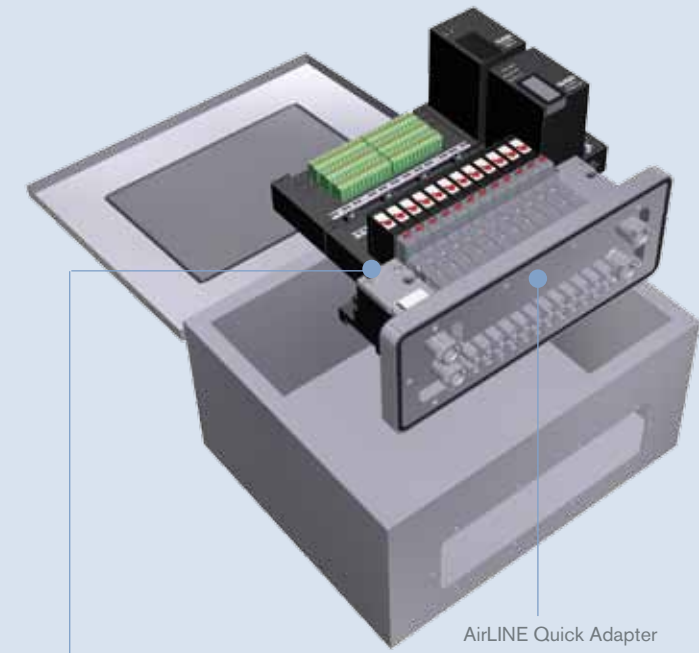
Vacuum – 10 bar

Media

- Compressed air, oiled, oil-free, dry
- Neutral gases (5 µm filtering)

Ambient temperature

0 - +55 degrees Celsius



Valve terminal Type 8640 with Profibus DPV1, 24 valve functions and 24 digital inputs



Installation of AirLINE Quick in the control cabinet

This cabinet or similar models with AirLINE Quick are available from Bürkert fully assembled.