

KIESELMANN

# Single Choice

100% passion and 100% quality



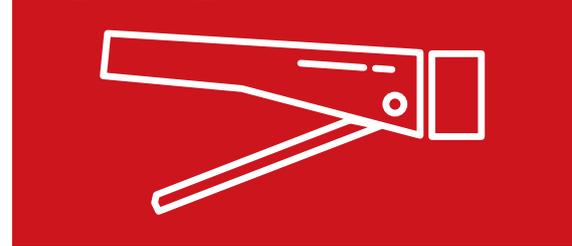
**KIESELMANN**

FLUID PROCESS GROUP

"Quality comes from passion and achievement. The passion for what we do drives us. The motivation of our entire team shapes this passion in terms of quality."

*Caroline Pözl & Klaus Dohle*

Caroline Pözl & Klaus Dohle, MANAGEMENT



## FAMILY BUSINESS

# Strong roots for ...

For more than 80 years, KIESELMANN has been developing process technology for the beverage and food industry. Products that have also set standards in the chemical and pharmaceutical industries. Our elastomer-free double seat valve with *k-flex* seal is the best of its kind.

KIESELMANN valves and ball valves are modular and resistant. Our flexible system makes it possible to switch from manual to automatic operation at any time – without the need for expensive new purchases or conversions. **Maximum flexibility for customized configuration.** Developments such as the KIESELMANN double seat valve and the *k-flex* seal have already set standards.

### Passion for Quality

#### Quality

Our claim is to deliver the highest quality as a reliable business partner. The passion of our employees and our high-quality equipment in construction and manufacturing guarantee excellent products. This has been confirmed by our many satisfied customers from the beverage and food industry as well as from chemical and pharmaceutical manufacturing. KIESELMANN has been DIN EN ISO 9001 certified since 1995.

#### Performance

We produce using 50 CNC lathes and machining centres as well as 10 robots for welding, grinding and handling. In order to deliver our products as fast as possible, we stock many of them in our 30,322 container bins and 2,652 pallet bins. And our manufacturing precision ensures exactly the right spare parts even after decades.

#### Experience

We stand for traditional family values and modern entrepreneurial spirit. Founded in 1937 as a small



contract manufacturer, we are now one of the leading manufacturers of fluid technology. Our production facilities are in Germany. Our products and services are at home worldwide: This is ensured by subsidiaries in China and Russia, offices in England and France and 28 international agencies.

#### Service

The FLUID PROCESS GROUP is a corporate network under the umbrella of KIESELMANN GmbH. KIESELMANN, formerly focused solely on production of valves, has consolidated various companies through acquisitions and participations together and now forms an efficient group. From storage, to piping construction, valve and cleaning technology to further processing – everything from one source.

.....  
**BUNDLED KNOW-HOW FOR YOUR SUCCESS**  
.....

# strong growth

Our customers, like Glenmorangie, The Edrington Group, William Grant, to name a few, appreciate our high level of service. We work with the project department to ensure the best design for the manifolds to suit their particular installation as well as a great consideration of ownership and maintenance.



Spirit Transfer Manifold, Inver House Distillers



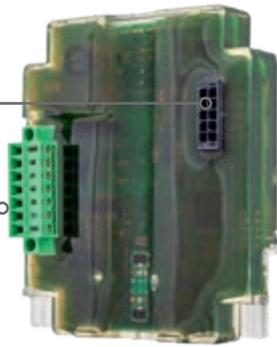
“Full training of the product is given to the maintenance teams on site at no extra cost to the customer with refresher training given at any time.”

Colin Jeffrey, General Manager KIESELMANN UK

Programming plug  
JTAG e. g. for  
Software-Updates

7-contacts connector

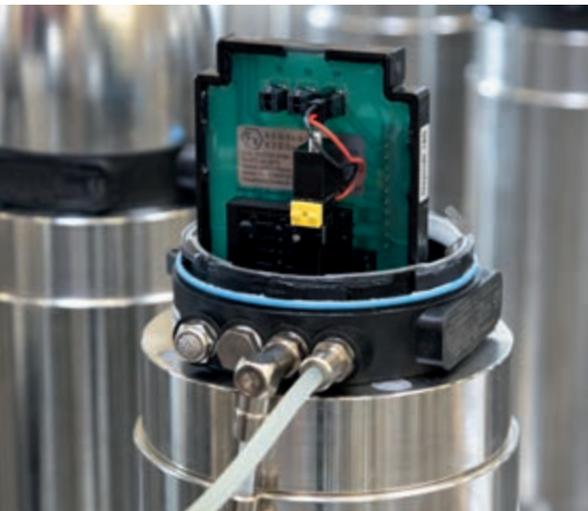
SPS ATEX board



Programming switch for  
learning mode

Board function configured to suit  
valve type by rotary selector switch

Simple and fast mounting of  
the board due to plug-in frame



Left: NAMUR ATEX board  
Right: Blending & Bottling,  
Tullamore Distillery



#### KIESELMANN CAN ALSO DO XXL

For the Edrington Group, we manufactured the largest valve manifold in our company's history. The XXL manifold measures 4.90 metres x 7.90 metres and is assembled from 25 single manifolds.

## POWER & BRAINS

# KI-TOP control heads

Our digital control heads already contain control electronics and pilot valves. They support all common communication interfaces, such as PLC, AS-i, and can be connected via various ways, such as cable entry or M12 connectors. The connection to the supply air is made by compressed air quick connector on the control head.

The integrated electronics controls the solenoid valve, detects status and returns it. The control heads consist of a bottom part with bayonet lock and a stainless steel cover (protection class IP 67).

The control board can be fitted with an LED all-round display. For optimal visual control.

### NAMUR & ATEX explosion protection

In areas with highly flammable and explosive substances, such as whisky distilleries, our control heads ensure maximum safety. They comply with the ATEX Directive 2014/34/EC for use in explosive, hazardous dust and gas atmospheres. As group II category 3 or category 2 devices, they are suitable for **zones 1 and 21 as well as 2 and 22**. We also have control heads that comply with the NAMUR specifications.



### ADVANTAGES

- > Suitable for use on all valves
- > Visual indication through high resolution LED display
- > TUV approved Exd. and Intrinsically safe
- > II 2 G Ex e mb ib II C T4 Gb & II 2 D Ex tb III C120oC
- > Board mounted proximity sensors
- > Factory set so ready for use
- > Simple one cable connection
- > Available with or without integral pilot solenoid valves

**KIESELMANN GmbH**  
Paul-Kieselmann-Str. 4-10  
75438 Knittlingen · DE  
+49 7043 371-0  
info@kieselmann.de  
www.kieselmann.de

**KIESELMANN UK**  
188a Knutsford Road, Grappenhall  
Warrington WA4 2QU · UK  
+44 1925 604 646  
colin.jeffrey@kieselmann.de  
www.kieselmann.com



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