

New:

Process Valves Featuring Dual Block® Technology



bürkert
FLUID CONTROL SYSTEMS

- **Reliable sealing of pipelines thanks to Dual Block® technology**
- **Communications-enabled in conjunction with a control head (ASi or DeviceNet™ fieldbus)**
- **Multifunctional flange plate for smooth and problem-free integration of motorized and pneumatic actuators**
- **Substantial reduction in wiring and installation costs**

Ball Valves with Patented Dual Block® Technology

Bürkert's latest innovation: can be combined with common pneumatic or electrical actuators. Physically absolutely tight – without any risk of leakage. This is made possible by the patented Dual Block® technology. The connection ports can only be turned clockwise during the installation, ensuring an ultra tight connection, since the connection ports cannot be functionally impaired by either vibrations or temperature fluctuations.



Safe Processes Thanks to Dual Block® Technology

The new valve concept deploying Dual Block® technology is a modular system of virtually unlimited versatility.

Designed for use in water treatment or chemical applications, it offers the user flexibility in regard to connection, commissioning and servicing, and features the following:

- A wide range of connection options
- A tool integrated into the handle, which can be used for fitting replacement parts
- Various spacer plates for installing several differently sized fittings on a plate in the same piping plane
- ISO 5211 adapter function (F03-F04-F05) for mounting both electrical and pneumatic actuators
- Versatile accessory functions, such as electrical feedback units for manual valves or pneumatic actuators

Electrical Actuators with Electronic Intelligence

Our motorized ball valves are multivoltage units, operating with voltages of 100 V AC to 240 V AC. The control actuators can be controlled with 4 to 20 mA. Moreover, in addition to explosion-protected versions, the new products also offer the option of manual emergency actuation and “failsafe”, the reliable system to ensure safe connections in your process in the event of power failure. The advantages are significant!

The Stuff of Which Longevity is Made

Type 2657 ball valves are available in PVC, PP, PVDF and (upon request) ABS materials. They range in size from DN 15 to 100 mm and incorporate a 2/2-way design. In addition to the fact that the housing material can be selected, the seal of the ball, with a 2-part seat support, ensures a long service life of the units. The valve seal which is sealed by 2 O-rings is designed for reliable connection of various actuator types.



On the Safe Side with Important Approvals



Both the mechanical construction and intended use of the modules and components in the entire range of our new ball valves featuring Dual Block® technology and explosion protection comply with the regulations for valves and carry approvals in accordance with the German Federal Water Resources Act and from water resources authorities such as WRC and ACS.



The “Piggy Bank” is called Fieldbus Technology

Our new range of ball valves has been optimized specifically for process installations and thus offers individual signal processing that substantially saves on wiring and installation costs by utilizing fieldbus technology, e.g. in the water treatment sector. Another important factor: integration and communication in the corresponding process via control head or fieldbus communication, i.e.:

- Integration of position feedback
- Integration of pilot valve and position feedback in IP 65 or ATEX Ex “i” types of protection
- Integration of pilot valve and position feedback via ASI or DeviceNet™ fieldbus communication



And all of these features on a systematic basis – from the technology leader of course!

We're at home in all control loops: whether filling level, flow, analysis or temperature control. We offer automation modules that make any separation of electrical and pneumatic system or analog and digital circuits simply obsolete. Just talk to us – the sooner the better!

Australia

Burkert Contromatic Australia Pty. Ltd.
Norwest Business Park, 15 Columbia Way
Baulkham Hills, NSW 2153
Tel. +61 1300 888 868 | Fax +61 1300 888 076

Denmark

Bürkert-Contromatic A/S
Hørkær 24
DK-2730 Herlev
Tel. +45 44-50 75 00 | Fax +45 44-50 75 75

Great Britain

Burkert Contromatic Limited
Briscombe Port Business Park
Briscombe, Stroud
Glos, GL5 2QQ
Tel. +44 (0)1453-73 13 53 | Fax +44 (0)1453-73 13 43

India

Burkert Contromatic PVT Ltd.
Apex Towers, 1st Floor, No. 54 II Main Rd
RA Puram
Chennai 600 028
Tel. +91 (0)44-4230 3456 | Fax +91 (0)44-4230 3232

Netherlands

Bürkert Contromatic BV
Computerweg 9
NL-3542 DP Utrecht
Tel. +31 (0)346-58 10 10 | Fax +31 (0)346-56 37 17

New Zealand

Burkert Contromatic New Zealand Ltd.
2A, Unit L, Edinburgh Street
Penrose, Auckland
Tel. +64 (0)9-622 28 40 | Fax +64 (0)9-622 28 47

Deutschland

Bürkert Fluid Control Systems
Christian-Bürkert-Straße 13–17
74653 Ingelfingen

Tel. +49 (0)7940/10-111
Fax +49 (0)7940/10-448

info@burkert.com
www.burkert.com

Norway

Bürkert-Contromatic A/S
Hvamstubben 17
NO-2013 Skjetten
Tel. +47 63-84 44 10 | Fax +47 63-84 44 55

Singapore

Burkert Contromatic Singapore Pte. Ltd.
51 Ubi Avenue 1, #03-14, Paya Ubi Industrial Park
Singapore 408933
Tel. +65 6844 2233 | Fax +65 6844 3532

South Africa

Bürkert Contromatic (Pty) Ltd.
233 Albert Amon Road, Millennium Business Park
Meadowdale, Germiston
Tel. +27 (0)11-574 60 00 | Fax +27 (0)11-454 14 77

Sweden

Bürkert-Contromatic AB
Skeppsbron 13 B
SE-211 20 Malmö
Tel. +46 (0)40-664 51 00 | Fax +46 (0)40-664 51 01

Taiwan

Burkert Contromatic Taiwan Ltd.
9F, No. 32, Chenggong Road, Sec.1
Nangang District
Tapei 115 / Taiwan, R. O. C.
Tel. +886 (0)2-2653 7868 | Fax +886 (0)2-2653 7968

For information on further Bürkert locations please contact our headquarters in Ingelfingen, Germany.