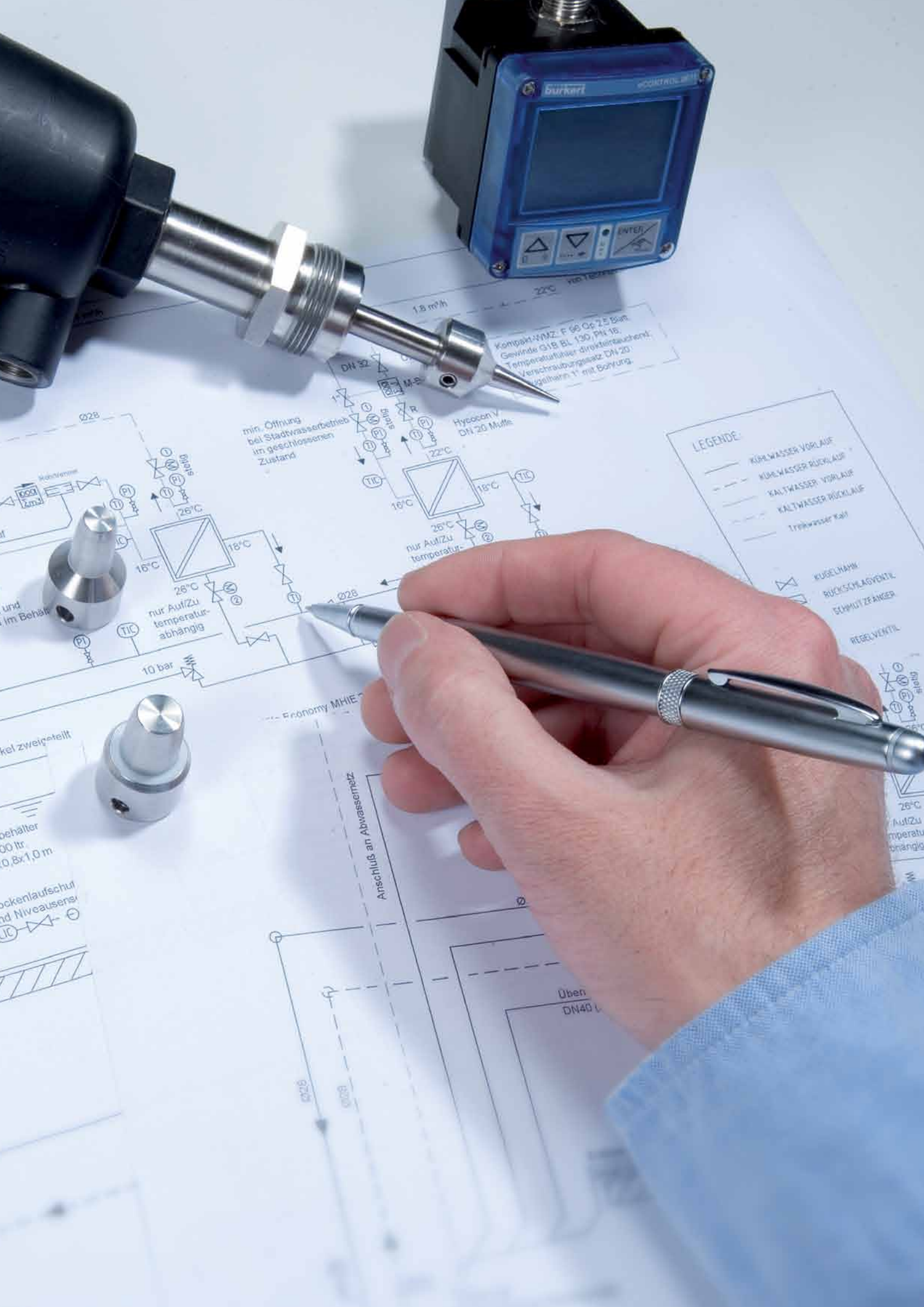


# **Bürkert:** Smart Water & Waste Treatment



Solutions for industrial, OEM & civil water



Kompakt-WMZ F 96 G<sub>1/2</sub> 25 Bar  
Gewinde G1/2 BL 130 Pfl 16  
Temperaturfühler direkttauchend  
Verschraubungssetz DN 20  
geliefert mit Bohrung

min. Öffnung  
bei Stadtwasserbetrieb  
im geschlossenen  
Zustand

Hycobon V  
DN 20 Muffe

LEGENDE:

- KÜHLWASSER-VORLAUF
- - - KÜHLWASSER-RÜCKLAUF
- KALTWASSER-VORLAUF
- KALTWASSER-RÜCKLAUF
- Trinkwasser Kalt

- KUGELHAHN
- RÜCKSCHLAGVENTIL
- SCHLUßZEIGER
- REGELVENTIL

10 bar

26°C  
18°C  
16°C  
28°C

nur Auf/Zu  
temperatur-  
abhängig

22°C  
18°C  
25°C  
nur Auf/Zu  
temperatur-

Economy MHE

Anschluß an Abwasseretz

Oben  
DN40

behälter  
00 ltr  
0,8x1,0 m

lockenlaufschuf  
nd Niveausens



# Local Water Treatment

Bürkert Pacific has an unmatched place in the water treatment industry, offering a complete range of fluid control products as well as the application knowledge and experience to deliver integrated water treatment solutions.

In the new era of water regulation and increased compliance Bürkert works with industrial, civil and OEM water organisations to deliver effective solutions. We assist to determine the most effective water treatment architecture for your process, to put you in charge with complete plant oversight from the control room or the boardroom.

Strong water competence at our regional Systemhaus network in Sydney and Auckland has been integral to development of OEM water treatment products and skids. From small domestic harvesting filtration modules to turnkey industrial treatment and town water plants, Bürkert is an ideal partner for all things water.

Navigating the channels, Bürkert can support you with insight into the application environments that traverse the broad spectrum of water chemistry and treatment. We collaborate on the real physics of reverse osmosis, harvesting, desalination, ion exchange, recycling, boiler chemistry and high purity water, to share our experience in complete turnkey solutions.

Contact Bürkert now and see how we can partner with you for better and more appropriate water treatment solutions. Bürkert. We make ideas flow.

# Bürkert Water

## Water treatment fluid control technologies

### One Product Partner

Bürkert has the right combination of products plus local engineering expertise to work with you on your next water treatment solution.

Our complete range of fluid control products covers all water treatment needs with an extensive linear and quarter turn valve range, a comprehensive instrumentation package and a smart process control solution incorporating pneumatic, electronic and electropneumatic devices. Certifications and approvals, built-in fieldbus interfaces, on-board mathematical control algorithms and other smart features make Bürkert products ideal for integration with your unique applications.

With Bürkert you will find product specialists working with application engineers to deliver your ideal solution, all with the assurance of a single partner. Bürkert opened dedicated local offices in the Pacific region more than 30 years ago, so you can rely on us for long-term partnership.

- Total product solution
- Extensive range
- Products designed for smart integration
- Local product support with product experts
- International support for export applications
- Large stock holdings



# Treatment

## Solenoid Valves

Complete range of general purpose, chemical dosing and high-specification industrial solenoid valves for use with neutral to aggressive or contaminated media.

5281, 5282, 0142 left to right

## Process Seat Valves

High quality modular range of angle seat and globe valves. Ideal for demanding applications, handling impurities and particulate matter in fluid flows and delivering 5 million cycles. On/Off or modulating; wide accessory range. Cost effective and compact, troublefree servicing.

8801, 2000, 8802-8792 left to right

## Contaminated Water & Aggressive Chemicals

Complete range of PVC and stainless steel diaphragm valves with EPDM diaphragms for difficult or ultra pure media. Stainless steel body is tube formed. Manual and air actuated operation; On/Off or modulating control.

2030, 8801, 8802, 3233 left to right

## Quarter Turn (Rotary)

Ball and Butterfly valves in wide size range. Plastic, stainless steel and cast metal bodies with manual, pneumatic or electric actuation. Modulating or On/Off control. Wide modular accessory range.

2658-8691, 2655-8792, 2671, 2657 left to right

## Flow Control

A full range of flow control devices to include paddle wheel flow meters, insertion and full bore mag-flow meters.

8035, 8055, 8045 left to right

## Level Control

A wide range in level instrumentation including ultra-sonic, guided microwave, radar, hydrostatic and point level devices. IP67 and hazardous location approvals.

8111, 8176, 8137 left to right

## Sensors & Controllers

Complete range of compact, wall mount and panel mount instrumentation. Pressure and temperature as well as analytical instrumentation including ORP, conductivity, pH, and other specific measurements. Also multi-channel controllers, including remote web-based monitoring & alarming using smart mobile technology to watch your remote sites.

8620, 8619, 8314, 8222 left to right

## Piloting, Pneumatic & Electro-pneumatic Control

Direct mount and stand alone pilot valves. Valve banks for on/off or fully modulating process control. Combining fieldbus, I/O and pilot valves for panel mount, IP67 direct mount and hazardous locations. Unlimited modularity and options.

8640, 8644 AirLINE, 5420, 6518 left to right



# Simplicity

## Innovative Valve Automation

Maximise the possibilities with Bürkert's product plus networking concept: welcome to iValve

Innovative Valve Automation, or iValve, is Bürkert's technology leap on process control automation. Integrating fluid control technologies with modern networking, water treatment processes are transformed from clutter to cluster. The iValve network solution differentiates three levels of networking; the 'process control system' top level, 'field level' with cluster electro-pneumatic valve banks controlling 'device level' valves and instrumentation. Using appropriate network technologies such as Profibus DP top level and ASi at the field level, hardwiring and tubing are drastically reduced as one simple cable (in series) carried data and power with a single tube can carry air to pneumatic devices. Smart interfaces and on-board process controllers further support process responsiveness with local control loops at the device level.



**Bürkert Fluid Control Systems**  
Bürkert Contromatic Australia Pty Ltd

Telephone 1300 888 868  
Facsimile 1300 888 076  
sales.au@burkert.com  
www.burkert.com.au

**Bürkert Fluid Control Systems**  
Bürkert Contromatic New Zealand Ltd

Telephone 0800 BURKERT  
Facsimile 0800 33 33 77  
sales.nz@burkert.com  
www.burkert.co.nz

Member of:

