

DISTRIBUTOR NEWSLETTER

May 2017

Type 8802 2-Year Warranty

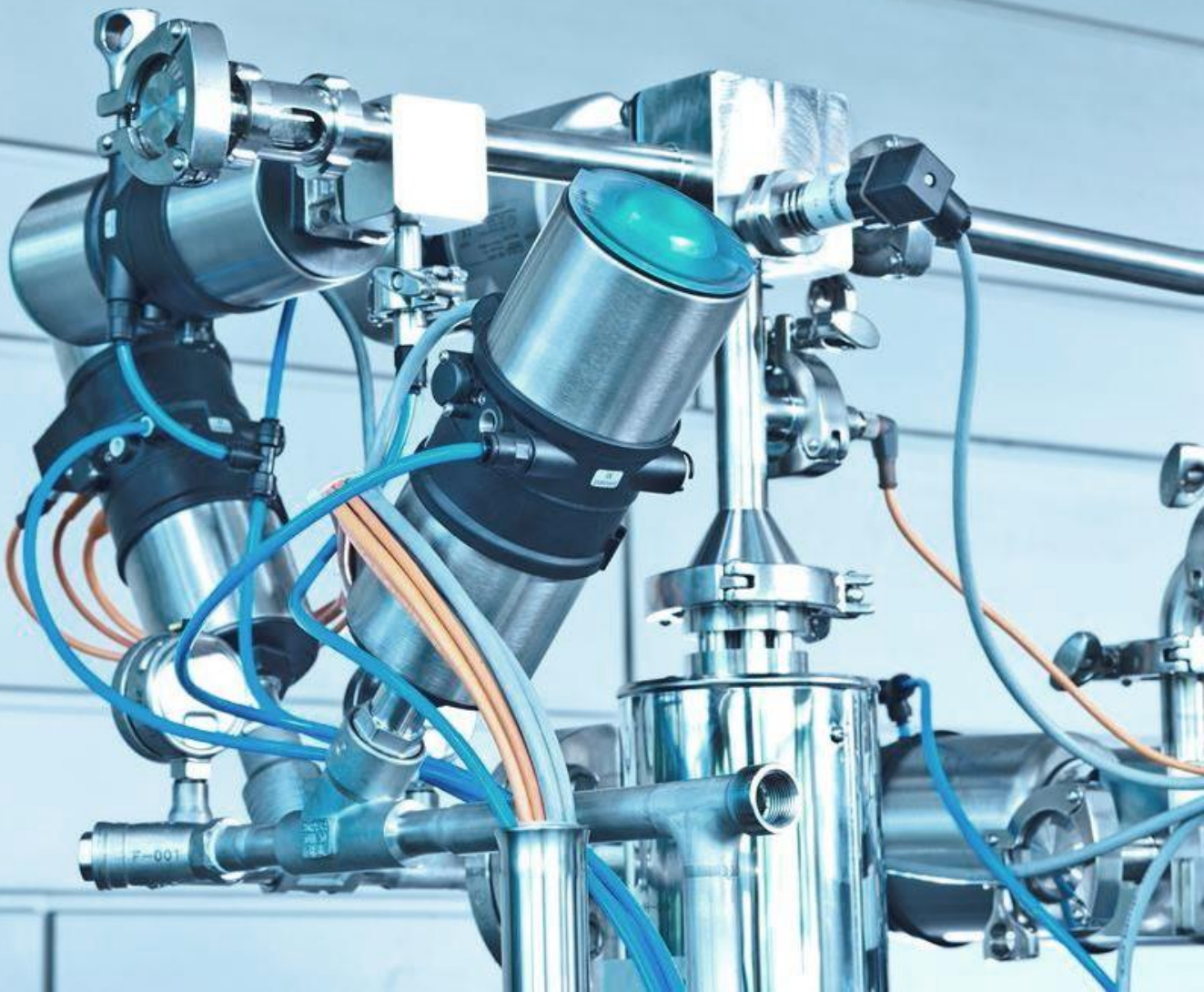
The Burkert Type 8802 control valves now feature a 2-year warranty making this robust valve package even more attractive.

NSF Solenoid Valve Flyer

Clean drinking water has gained national attention recently and NSF rated valves are a hot topic - we made ordering even easier.

Huntersville Grand Opening

The 173k sq.ft. facility on 98 acres in Huntersville, NC is finally open for business. Photos and Open House details.



Two Year Type 8802 Warranty Offer



Put a stop to corrosion! Compared to elaborately painted, vulnerable cast bodies, Bürkert valves excel with robust stainless steel surfaces and high chemical resistance. The smooth-edge design of the ELEMENT series makes cleaning/wash-down processes hassle and residue-free.

Application in hygienic environments

The pneumatically operated control valve Type 8802 ideally fits into applications with hygienic conditions and facilitates the certification in pharma and food industries for its whole life cycle. In addition, the Type 8802 scores against similar devices with:

- Easily integrated, best-in-class automation
- Advanced diagnostics for a more dependable process, as standard
- Saves energy and operation costs due to light weight design

Save energy and operation costs due to light weight design

Most importantly, the Type 8802 control valve can help to save energy and operation costs. The overall Bürkert system is significantly lighter and more

compact than traditional devices: Their mass of cast body (DN40) and flanges adds up to 54 kg – compared to very light 6 kg (!) for Type 8802. Moreover, the flanges can be eliminated as Bürkert's stainless steel bodies can be directly welded to the pipe. Disassembling for maintenance is not necessary after all, as the stainless steel surface do not need to be painted. In short, the tremendous weight savings reduces the energy consumption during transport and assembly – as well as in every steam-based temperature control daily plant operation.

Two years warranty for control valve Type 8802

Our Promise: Proven quality. Guaranteed! We offer you two years warranty for the control valve Type 8802 (excluding wear parts; valid for ELEMENT series). Take the Type 8802 Control Valve for a test drive and see for yourself.

<http://www.burkert-usa.com/en/Landingpage/Proven-quality-Guaranteed>

A little help with that 8802 Warranty Offer??

Here are some brand new Quick Order Configuration Guides to assist with your Process Valve Package Sales



continuous
control



continuous
control



Our hygienic and marketing teams rallied to create 4 brochures with stocked inventory, easy-to-find part numbers, the most common configurations, and all available in print and online – specifically with our distributors in mind. These 12-page brochures may even eliminate the need to scour through datasheets and the website or call in to a technician.

Available today - in print and online! Order today by emailing marketing-usa@burkert.com and requesting a few copies today!

To find the very latest Burkert BULK literature request form, use this link: <http://www.burkert-usa.com/en/content/download/122212/3223468/version/3/file/2017-05%20BULK%20Literature%20Request%20Form.pdf>

NSF Solenoid Valve Flyers & [Web Page](#)



What could be more refreshing than knowing your drinking water is safe??

Purity is the essence of Burkert's line of drinking water and food & beverage service safe NFS-61 / 372 solenoid valves. Fit for purpose 1/8" and 1/4" stainless steel Type 6011 and Type 6013 direct-acting plunger solenoid valves are designed to be safe for food and beverage handling OEM systems such as coffee machines, beverage dispensers, automated faucets, etc.

Our robust lead-free brass Type 6213 water valves are available in sizes from 3/8" – 1" and not only comply to SDWA (Safe Drinking Water Act) lead-free material standards but more importantly, the elastomers and all wetted parts are compliant with strict NSF-61 drinking water requirements. When you need to ensure that wetted materials are safe to contact your potable process water, only NSF-61 certification will do.

You can find out more about Burkert's NSF Valve offering in the flyer below, or for full product details including part numbers, check out this handy ordering chart.

<http://www.burkert-usa.com/en/Landingpage/NSF-Approved-Solenoid-Valves>



US NSF 61 Ordering Chart

Drinking Water / NSF Approved Solenoid Valve Ordering Chart



US 2016 Burkert NSF 61 Solenoid Valve Flyer

Looking for the best in NSF Approved Solenoid valves for drinking water applications? Check out this overview flyer.

[Download Documents](#)

[Download Documents](#)

NEW Type 3323/3363 Electromotive Diaphragm Valves



Type 3323 - Electromotive 2 way diaphragm on/off valve

The innovative diaphragm on/off valve Type 3323 is the solution when it comes to on/off control in areas with media contact such as the Food and Beverage, Cosmetic, Pharma and Biopharma Industry. The electromotive actuator with ball screw shuts the diaphragm valve quasi delay free with – for electromotive valves – unique speed of 4 mm/s within 1.5 to 4.5 seconds. If necessary, the safety position can be realized with optional energy storage in case of power failure. Pressure variations or shocks in the medium aren't transferred to the valve position. Many helpful functions for process monitoring, valve diagnostics and predictive maintenance can be used. Trusted valve bodies and diaphragms ensure media separation with minimum dead leg and are easy to clean. Demanding environments are no problem for Type 3323 with its high IP-protection and high resistance to vibration and shocks. Hygienic design allows a fast and residue-free exterior cleaning. The actuator force can be exactly adjusted for the operating conditions to optimize diaphragm life.

<http://www.burkert-usa.com/en/type/3323>



Type 3363 - Electromotive 2 way diaphragm control valve

The Type 3363 electromotive actuator with ball screw positions the diaphragm with quasi delay free with highest precision and – for electromotive valves – unique speed of 4 mm/s that can be varied acc. to plant design. Pressure variations or shocks in the medium aren't transferred to the valve position. Many helpful functions for process monitoring, valve diagnostics and predictive maintenance can be used. Beside the mechanical position indication a 360°- LED illuminated ring displays valve position and information about warnings or errors. Communication is possible with both analogue signals and modern fieldbus systems. Trusted valve bodies and diaphragms ensure media separation with minimum dead leg and are easy to clean. Demanding environments are no problem for Type 3363 with its high IP-protection and high resistance to vibration and shocks. Hygienic design allows a fast and residue-free exterior cleaning. The actuator force can be exactly adjusted for the operating conditions to optimize diaphragm life.

<http://www.burkert-usa.com/en/type/3363>

*photo
taken by
drone*

Burkert Huntersville Grand Opening

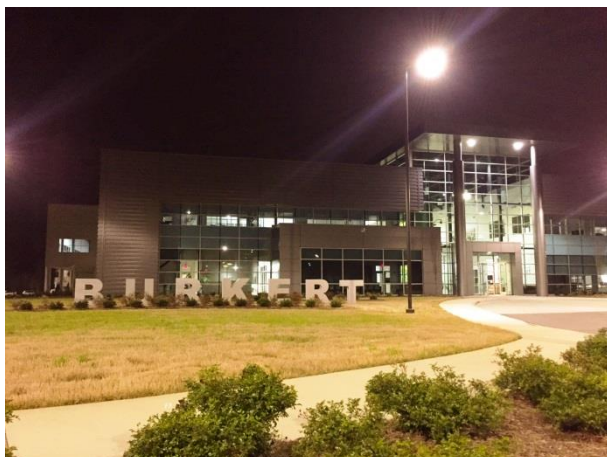


The NEW home of Burkert USA – Huntersville, North Carolina

Just two years ago, executives and employees from Burkert Fluid Control Systems gathered together with representatives from Mecklenburg County, the Town of Huntersville, and Lake Norman Economic Development for the groundbreaking ceremony of Burkert's new multi-million dollar campus on a 98-acre parcel of wooded forest and farmland in Huntersville, North Carolina.

Burkert Fluid Control Systems is one of the world's leading manufacturers of measurement and control systems for liquids and gases. Burkert originated the first solenoid valve over 50 years ago and has kept innovating ever since. The Burkert type 2000 angle-seat valve was the first of its kind and has been often imitated, but never duplicated as a solution for tough-to-solve steam and liquid control applications. Today, Burkert continues in the quest to provide revolutionary customer-focused solutions controlling liquids and gases with the introduction of the Type 8905 Online Analysis System which strictly monitors the purity of process water before it is released back into environment and the new Ozone Sterilization System, which uses patented sterilization process to guarantee sterility of connections in the pharmaceutical production process.

On April 3rd, 2017 Burkert hosted a grand opening celebration at their 173,000 square-foot U.S. Headquarters designed by WHN+ Architects. In late 2016, the facility garnered an Eagle Award for the design-build of the project by Edifice General Contractors from the ABC (Associated Builders & Contractors) of the Carolinas.



Room for Growth

Currently 100 employees utilize the campus which boasts floor to ceiling windows throughout the entire office space, a fitness center with an indoor half basketball court, and two-story atrium that runs the length of the building. A 43.7kW solar farm comprised of 366 panels on the roof supplies power directly to the facility and transfers power back to the grid during low usage. To reduce lighting needs, four separate bays of skylights plus 14 Solatubes provide natural daylight to our employees in the climate controlled production and warehouse area. The manufacturing area includes two separate CNC (Computerized Numerical Calculation) machine shops to produce manifolds designed by our engineers. Valve systems are assembled and tested in our class 10,000 Clean Room.

The commitment to Huntersville and the greater Charlotte metropolitan area continues beyond the additional new direct employment opportunities this expansion has allowed. Local vendors and products are used extensively throughout the facility; including conference tables and the front reception desk created by local artisans, reclaimed wood from a nearby barn transformed by into hand-made indoor planters, and a tree pulled from the property during construction was turned into several conference tables.

As part of the April 3rd celebration, members of the Bürkert family welcomed local government leaders, business owners, employees and customers to the official Grand Opening of the new Burkert USA Headquarters. After a brief ribbon-cutting ceremony and tour of the facility, participants were invited to a "Taste of North Carolina" for lunch, sampling food and beverages from the region supplied by local restaurants, a brewery and several food trucks.

Work is continuing on our hands-on training room and a hygienic training lab that will soon be used to host product and system training for our distribution network members. Several distribution partners will be invited to visit the new facility over the next few months.

Type 2702, 2712, 2730, 2731, 2732 CLASSIC Phase-Out & Replacement



We would like to inform you in detail regarding the phase-out status of the CLASSIC control valve range, which is being replaced with the ELEMENT series. We have now entered the third phase of discontinuation, which means that they are **no longer available**, as illustrated above.

The change impacts control valves with positioners (8X92, 8X93, 8X94), and on/off valves with the ELEMENT range of locally fitted Automation Units (i.e.: 8690, 8691). This change does NOT impact our largest actuators (175 and 225mm), which are used exclusively on some designs of our 3" and 4" process valves.

The goal of this initiative is to make our process valve range leaner and easier to understand, more flexible, provide faster delivery times and reduce warranty claims due to mishandling and improper selection/application of our valves. Good logic!

In addition to providing the best process control valve in our range, our new ELEMENT range provides our customers with:

- Industry leading control precision and technology
- Increased durability in demanding environments
- Unmatched diagnostics capabilities for proactive maintenance programs
- Native integration to industry standard communications protocols
- Central air routing and seamless integration of process controllers

For more information or for a proactive quote on a recommended upgrade for your facility, contact your Burkert representative.

*Due to a maternity leave,
the new short form catalog
is running behind schedule.
Will share status updates
on it ASAP!*

Sign up for our new *Burkert Tools* training!!



This distribution specific training is designed to get you up-to-speed on all the tools available to make you more successful in serving your customers in an efficient and timely manner. It will reduce the amount of emails and phone calls needed select the correct product and provide the necessary product information.

Emotion

The online tool will help you find the following information:

- Pricing
- Availability
- Open orders
- Tracking numbers
- Invoices

This tool is most helpful if you already have a part number or a Burkert product description

<http://service.burkert.com>

The Burkert Website

Offering a wealth of information that can help you service your customer including but not limited to:

- Data sheets
- User manuals
- Online product selection

www.burkert-usa.com

Burkerts "I need a ..." forms

These are a great tool to use when on the phone with a customer to make sure you collect all the information needed to find the correct part.

- Once you have collected all the information you can use the website to find and compare products that would be suitable for your customer
- If you can't find the product online use this form to work with your Burkert inside contact to select the right product

Please contact your Burkert Inside Sales Rep to be added to the "Interest List" for our next training.

Solenoid Valve Datasheets

Types 6011, 6012, 6013, 6014... All updated!

We've updated our coils, so we've updated our datasheets!

To reach the latest and greatest datasheets for the Burkert Types mentioned above – visit the links below.



Type 6011

Direct-acting 2/2 way plunger valve

- Direct-acting and compact small-format valve with diameter of up to DN 2.4
- Vibration-proof, bolted coil system
- Simple and quick flange or manifold installation
- Quick coupling (push-in fitting) for plug-in hose connections

Valve 6011 is a direct-acting plunger valve. The stopper and plunger guide tube are welded together to enhance pressure resistance and leak-tightness. Various seal material combinations are available depending on the application. A Burkert-specific flange design (SFB) enables space-saving...



Type 6012

Direct-acting 3/2 way plunger valve

- Direct-acting, compact small-format valve with diameter of up to DN 1.6
- Vibration-proof, bolted coil system
- Banjo threaded connection for direct mounting on pneumatic valves
- Simple and quick push-in, flange, or manifold installation
- Service-friendly manual override

Valve 6012 is a direct-acting plunger valve. The stopper and plunger guide tube are welded together to enhance pressure resistance and leak-tightness. Various seal material combinations are available depending on the application. A Burkert-specific flange design (SFB) enables space-saving...



Type 6013

Direct-acting 2/2 way plunger valve

- Direct-acting and compact valve up to diameter of DN 6.0
- Vibration-proof, bolted coil system
- Increased leak-tightness with welded plunger guide tube
- Explosion proof versions
- Energy-saving pulse versions

Valve 6013 is a direct-acting plunger valve. The stopper and plunger guide tube are welded together to enhance pressure resistance and leak-tightness. Various seal material combinations are available depending on the application. A Burkert-specific flange design (SFB) enables space-saving...



Type 6014

Direct-acting 3/2 way plunger valve

- Direct-acting, compact valve with diameter of up to DN 2.5
- Vibration-proof, bolted coil system
- Banjo threaded connection for direct mounting on pneumatic valves
- Service-friendly manual override
- Energy-saving pulse versions

Valve 6014 is a direct-acting plunger valve. The stopper and plunger guide tube are welded together to enhance pressure resistance and leak-tightness. Various seal material combinations are available depending on the application. A Burkert-specific flange design (SFB) enables space-saving...

The BIG Craft Brewing Sales Initiative



As you probably already know – Burkert loves Beer. We used to have a brewery at the old facility... we have something in the new facility that looks surprisingly like an even bigger brewery, but is called a Hygienic Training Lab for legal reasons. The long and the short of it is – we're big fans of beer and it's creators.

This is great because Burkert systems and components are not just found in breweries across the globe, but new developments are even more suited for use in brewery applications than ever before. We've been expanding our presence at both national and regional trade fairs and seen great successes on a big and small level – but we can't be everywhere.

We want your help becoming **THE** fluid control solution that brewers **prefer**. So for the next 50 new orders that our distributors place for use at a brewery we are offering a cool Burkert swag bag as a small thank you for being our supporter.

The contents include a Burkert stein, h2go vacuum bottle, and Nike golf shirt – to sweeten the deal – if your order is over \$1k we'll include our swanky \$80 OGIO business backpack.

To get your gift, email our marketing team with your shirt size & shipping address (that you want the gift to go to) and we'll follow up with you via email to get confirmation of your customer order details.

marketing-usa@burkert.com

We'll do our very best to make it simple.

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A Cleaner, Smaller Cabinet!

More Flexibility with AirLINE Quick

Pneumatic control cabinets can be real mess. Even worse - punching in holes for pneumatic hoses can turn a slick stainless steel cabinet into Swiss cheese. Pairing Burkert's industry leading pneumatic valve islands with Allen-Bradley I/O, and an AirLINE Quick adapter plate tidies up what could otherwise be a rat's nest of tubing. Adding AirLINE Quick, available in stainless steel for hygienic applications or as a general purpose anodized aluminum version, to the already seamless integration of Rockwell Automation PLC and Burkert's Type 8644 valve islands, can also reduce the cabinet size needed as the connector plate can be mounted directly to the wall or floor of the cabinet – less tubing, fewer holes, smaller cabinet.



AirLINE Quick automation system type 8644 with interface module and I/O modules from Allen-Bradley