Addition of Rockwell Automation EDS File Keys, Add-On Instructions, and Add-On Profiles
Files that can be downloaded from the internet and installed into your engineering tool to make PLC programming easier.

The “IT” List – Top Types Searched on Our Site
The top 4 items of 2021’s most searched Types on the Burkert website.

Future Proofing Solutions for Extreme Weather Events
When unusually cold weather struck Texas, frozen valves were an opportunity to upgrade and replace putting the future in mind.
Device Integration @ Bürkert

Motivators:
- Increased market demand to make device integration as simple as possible
- Field devices today are more intelligent and provide more information

Unique value to the user:
- Accessing more device information and parameters without an additional tool
- Creating value by making the process time efficient
- Enhanced User-Experience: faster and streamlined

IO-Link - On it’s way up!
- Digital interface for sensors and actuators
- Point to point connection, therefore NOT a fieldbus
- Initial focus on Factory Automation with an increasing relevance for Process Automation as well
- Simple and easy installation via standardized M8, M12 connectors

NETWORK TOPOLOGY
- EXAMPLE LAYOUT -

- 62 nodes (or more)
- per IP Address

- 62 nodes
- per IP Address

- 8 nodes
- per IP Address
Addition of Rockwell Automation EDS File Keys, Add-On Instructions, and Add-On Profiles

Files that can be downloaded from the internet and installed into your engineering tool (i.e.: Rockwell Studio 5000) to help make PLC programming easier

- AOP is short for “Add On Profile” (plug n’ play)
- AOI is short for “Add On Instruction” (install drivers, set-up parameters)
- EDS is short for “Electronic Data Sheet” (specific instruction manual for set-up)

Without
- A message function needs to be set-up each time data is sent to or received from a device
- Initial set-up could take 2–3 hours to set message functions up for a single valve
- Without access to these integration tools, the value of digital networks is underutilized and wasted

With
- Ability to retrieve and access significantly more information & data
- AOI/AOPs reduce initial programming time by 70% or more
- Only 5–10 minutes would be needed to set up with an EDS

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Electronic Data Sheet (EDS)
- 8652 Valve Manifold (Island)
- ME43 boS Gateway
- 87XX Mass Flow Meter/Controller
- 8619 Multifunction Controller
- 8098 FLOWave SAW Flowmeter

Add-On Instruction (AOI)
- 8653 Valve Manifold (Island)
- 8691, 8695 Limit Switch
- 8694, 8696 Modulating Positioner for Control Valves
- 8681 Limit Switch for 3rd Party Seat Valves

Add-On Profile (AOP)
- 8644 Valve Manifold (Island)
- 8652 Valve Manifold (Q3/2021)
- 8692 Modulating Positioner for Control Valves (May 2021)
- 8693 Modulating (PID) Controller for Control Valves (May 2021)
- 8098 FLOWave SAW Flowmeter (Q4/2021)

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Without these integration tools, the value of digital networks is underutilized and wasted. It’s like buying a Porsche and never going above 25MPH...
AOP/AOI/EDS Competitive Advantages

- Comprehensive range of products tailored for a complete system solution from a single manufacturer
- AOP/AOI/EDS files for a variety of those automation components
- Access to device information and parameters without the need of an additional tool or additional cost
- Ready when you are – not required to use the additional support functions, but they are always available.

What industry/applications will this impact?
If you see Rockwell Automation PLCs and/or I/O Link controlling the process – this is for you!

Target Industries
- Food & Beverage
- Cosmetics
- Chemical Production/Manufacturing
- Pharmaceuticals & Bioprocessing
- Packaging
- Water/Wastewater
- Automotive
- Semiconductor
- Plastics Mfg. & Processing
- Energy Production

Applications
- Blending
- Chemical Disinfection
- CIP/SIP
- Continuous Process Control
- Filling
- Liquid Monitoring & Sampling
- Pressure Control
- Process Automation
- Process Heating & Cooling
- Sterile Processes
- Water Quality Monitoring & Control

Not just coincidence...

What applications are helping to enable your business growth the most?

Training Sessions
Coming Soon to a screen near you – Training! Training! Training!

Send us your network nerds, control cabinet commentators, gateway gurus, and protocols pundits and have them join us for upcoming training sessions. Use this link to join the interest list to receive information on training opportunities.
Where do I find the AOP/AOI/EDS files on the Burkert website?

- On either the article/item # page OR on the Type Number page scroll down to software it he downloads section
- This will offer several zip files and may include both an AOP/AOI and EDS files
- Not all product downloads have been released and posted to the website yet, but will be within the next couple of weeks if they are not up there yet

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Where do I find the **Webinar On-Demand** on Rockwell Automation AOP/AOI/EDS files?

- In the Distributor Toolbox there is a link to all our webinars on demand (landing page)
- Each webinar video requires a brief form to be completed that lets us know who is accessing this content as a lead generation tool
Timely Topic with Future Proofing Solutions

Bad Weather is to be expected in the North and the Midwest, but when Texas & the South were struck by unseasonably frigid temperatures, valves could not take the freeze and in order to get water and power flowing once again it took some rapid response time and creative utilization of the quick delivery program.

See how both Burkert & Eagle Sensors & Controls took actions to specify products that will not put these municipalities in the same bad situation in the future.

Eagle Sensors and Controls helped a Texas water department during the horrid snowstorm with the power of Burkert solenoid valves.

Due to the unprecedented inclement weather experienced in Texas, Burkert has received an influx of requests for valve replacements for both Burkert solenoid valves and those of our competitors. These workhorses simply could not handle the extreme temperatures and now is the opportunity to future-proof those replacement valves.

Fred Spier of Eagle Sensors worked personally on helping a water department in Texas.

"...The Texas water department froze up and this valve was damaged beyond repair. It was obsolete, so I worked with Burkert to find the perfect replacement. The problem was it had a 10 business day lead time. But Burkert helped me find a different solenoid valve that met the requirements and was in stock. Eagle sensors got the order in and the Burkert Valve was sent directly to the customer. This will get a critical piece of the water departments process equipment back up and running."

Helping customers specify Burkert valves can resolve the problems with low ambient temperatures not just for now, but also well into the future should we see these record temperatures again.
Collaborative Sharing for Content Exposure

Celebrating 50 years in 2021 is our distribution partner, Rodem – Smart Sanitary Processes. Their Marketing Director, LeighAnn Deiner Gunter, recently had an article published in Pumps & Systems magazine on Mixproof Valves. While Burkert does not manufacture mixproof valves, we do offer the Type 8681 Universal Control Head (now with Rockwell AOI) that fits the majority of mixproof valves on the market. With her permission, LeighAnn allowed Burkert to republish the content on our site and share on social media with refreshed images showing Burkert control head on Alfa Laval valves.

This allowed for additional exposure to the article, shared a Burkert alternative option for the control package, and still publicized the same content that was originally shared. Collaboration using existing content extends the shelf life of the materials and broadens the audience reach for these resources. A big thank you to LeighAnn and congratulations to Rodem on 50 years!
The “IT” List – Top Types Searched on Our Site

Care to know what users are looking for on www.burkert-usa.com? The following 4 items are 2021’s most searched Types on the Burkert website.

**Type 8692** - Digital Electropneumatic Positioner for the integrated mounting on process control valves
- Compact, robust stainless steel design
- Easy start-up by automatic X-Tune function
- Contact-free position sensor
- Integrated control air routing with spring chamber aeration
- EtherNet/IP, PROFINET, Modbus TCP, PROFIBUS DP-V1, DeviceNet or Bürkert system bus (büS)

**Type 6213** - Servo-assisted 2/2 way diaphragm valve
- Servo-assisted diaphragm with diameter of up to DN40
- Spring coupled diaphragm opens without differential pressure
- Damped design for quiet closing
- Compact construction with high flow rate
- Energy-saving double coil technology with kick and drop design

**Type 8694** - Digital Electropneumatic positioner for the integrated mounting on process control valves
- Compact, robust stainless steel design
- Start-up by automatic TUNE-function
- Contact-free position sensor
- Integrated control air routing
- AS-Interface, IO-Link or Bürkert System bus (büS)

**Type 6013** - Plunger valve 2/2 way direct-acting
- 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
Celebrating Successes

These distribution partners have actually doubled their Burkert sales from Q1 2020 vs. Q1 2021! Amazing achievement for these dedicated teams. We appreciate your industrious efforts immensely!

Latest Videos: Please Share on Social Media

Tired of being the USA’s best kept secret in process automation specialists, Burkert is creating dynamic and social media shareable video content now more than ever. Please help us share our capabilities and portfolio with your audiences!
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Email feedback on what you would like to see included in upcoming issues to us at marketing-usa@burkert.com.