Media contact:
Shane Novacek
Beckhoff Automation
Phone: 952-808-6515
s.novacek@beckhoff.com
LinkedIn

Note to editors: Link to high-res photo and picture caption follow news release text.

Cost-Effective AF1000 VFD Boosts Low-Demand Applications with High Flexibility

Compact and highly modular economy variable frequency drive series is designed for low to medium power requirements

SAVAGE, Minnesota, June 8, 2026 – With the AF1000 variable frequency drive (VFD), Beckhoff introduces a cost-effective solution for basic drive applications across industries, including conveyor systems, pumps, and fans. The VFD is fully integrated into the TwinCAT automation system via EtherCAT, providing the familiar commissioning convenience and built-in diagnostics found in Beckhoff's well-established servo drive technology.

The AF1000 VFD is available in two different versions: one for a single-phase supply of 240 V AC with a power range of 0.37 kW (0.5 HP) to 1.5 kW (2 HP), and one for a three-phase supply up to 480 V AC with a power range of 0.37 kW (0.5 HP) to 5.5 kW (7 HP). Despite its compact dimensions and gap-free installation, the AF1000 manages to incorporate an integrated control power supply, DC link capacitors, and a ballast circuit. The control voltage is generated by the integrated power supply from the DC link.

Both VFD versions are available in a single-axis module or as a highly cost-effective 2-axis module that also reduces cabinet space requirements. Supported motor types include synchronous servomotors, as well as asynchronous and reluctance motors without feedback operated in UF mode or with vector control.

Just like Beckhoff servo drives, the AF1000 VFD is commissioned using TwinCAT Drive Manager 2, eliminating the need for current Beckhoff customers to familiarize themselves with a new engineering tool.

www.beckhoff.com/af1000

Link to high-res photo:

https://www.beckhoff.com/media/downloads/press/2026/pr122026_beckhoff_us.zip

Press picture:

Picture caption:

The AF1000 economy variable frequency drive (VFD) series provides a cost-effective solution for conveyors, pumps, fans, and other low-demand drive applications.

At Beckhoff, automation is our calling. We empower engineers to differentiate and succeed as industry leaders – to harness new technologies, embrace open standards, and solve the world's most complex problems. Founded and led by engineers, we organically create advanced controls, communication, IoT, and motion technologies that become unique tools for your one-of-a-kind challenges in an age of digital transformation.

As a global partner with U.S. headquarters in Minneapolis, we remain committed to sustainability, inclusivity, and support for the people behind the automation. So, whether you're powering the EV revolution, dazzling on Broadway, launching satellites, or developing fusion energy solutions – you can reach new heights for your business, industry, and humankind.

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Please send questions regarding “Beckhoff AF1000 Variable Frequency Drive” to:

Beckhoff Automation LLC
13130 Dakota Ave
Savage, MN 55378
Toll-free: 1-877-TwinCAT
Local: 952-890-0000
Fax: 952-890-2888
Email: beckhoff.usa@beckhoff.com
www.beckhoff.com | LinkedIn

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