

# Press release

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## EV03: Optimized Flexibility Thanks to IO-Link

### **New pressure regulator simplifies commissioning, application, and storage**

**IO-Link is connected directly to the new EV03 electropneumatic pressure regulator from Aventics, creating more freedoms in commissioning, application, and even storage. The EV03 is now available as a single station regulator.**

Laatzen, January 25, 2017 – With the electropneumatic pressure regulator EV03, Aventics increases the degrees of freedom for developers, simplifies system commissioning, offers flexible application, and decreases the variety of parts in storage. The IO-Link or an optional display can be used to change the regulator dynamics, regulator precision and pressure range, or for a manual pressure adjustment. This results in advantages in procurement, commissioning, and storage, as fewer different components are needed.

“With the new pressure regulator, we are responding to customers' wishes,” emphasizes Florian Weber, a member of the strategic product management team of Aventics. Instead of having to order and store different versions for various applications, customers can now flexibly program a single pressure regulator according to the requirements of their machines.

With the EV03, Aventics has expanded its existing IO-Link range consisting of intelligent sensors and valve systems. In addition to ST4-2P series cylinder sensors, Aventics also offers SM6-AL series distance measuring sensors and PE5 series pressure sensors with IO-Link connection. The sensors provide not only the required data, but also enable easy, flexible sensor adjustment in ongoing operation and advanced diagnostic options via IO-Link. The AV valve system is also available in sizes AV03 (300 l/min) and AV05 (700 l/min) for IO-Link control, integrating even more actuators into the IO-Link world.

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## Images



- ▲ Image 1: The display on the new electropneumatic pressure regulator creates more freedoms in commissioning, application, and even storage. (Photo: copyright Aventics)



- ▲ Image 2: The AV valve system with integrated IO-Link offers the possibility to integrate pneumatic actuator control into the IO-Link world. (Photo: copyright Aventics)



- ▲ Image 3: Sensors with integrated IO-Link enable easy, flexible sensor adjustment in ongoing operation and advanced diagnostic options (Photo: copyright Aventics)

## About Aventics

*Aventics is one of the world's leading manufacturers of pneumatic components, systems, and customer-specific applications. The pneumatic engineering company provides products and services for industrial automation, additionally focusing on the sectors of commercial vehicles, food and beverage, railway technology, life sciences, energy, and marine technology. By integrating electronics, the use of innovative materials and prioritizing trends such as machine safety and the Internet of Things, Aventics is a pioneer in intelligent and easy-to-use solutions.*

*With over 150 years of expertise in pneumatics, Aventics employs around 2,000 associates worldwide. In addition to production sites in Germany (Laatzen), France (Bonneville), Hungary (Eger), USA (Lexington), and China (Changzhou), Aventics is represented in more than 90 countries through direct sales and dealers. The Aventics Group has received*

*multiple certifications, including ISO 9001 and ISO/TS 16949 for quality, ISO 50001 for energy management, and ISO 14001 for environmental management. Further information is available at [www.aventics.com](http://www.aventics.com).*