



Wireless, flexible, reliable

Vacuum Systems with IO-Link Wireless

Real-time communication meets innovation: IO-Link Wireless makes Industry 4.0 wireless possible. The technology enables contactless data transmission between sensors, actuators and controllers. Schmalz integrates the innovative technology directly into the components in a space-saving manner – without any additional bridges. This simplifies the setup and operation of dynamic, mobile, or hard-to-access handling applications.



Maximum freedom of movement

Realize complex automation with more degrees of freedom and flexible gripper change



Time and cost savings

By decoupling critical data lines makes start of operations much easier and faster



High reliability

With IO-Link Wireless, you can control and monitor all sensors and actuators via a single, robust wireless protocol



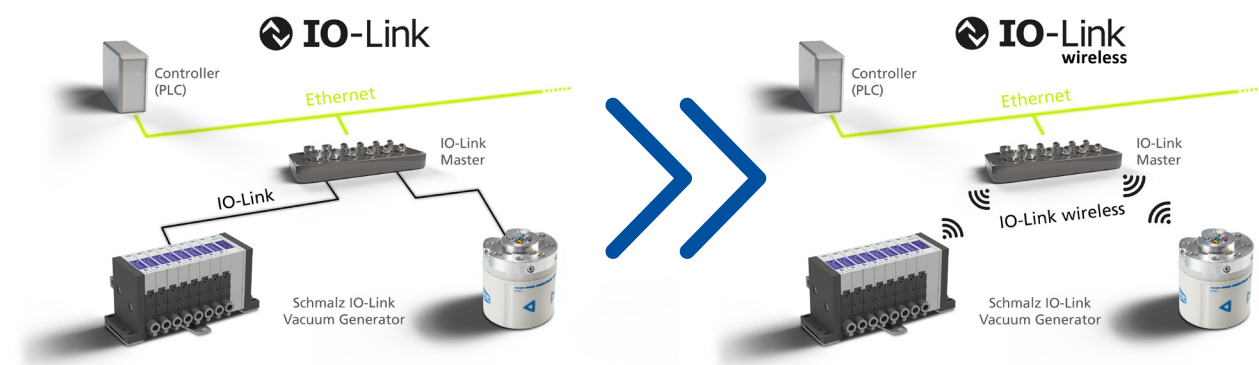
Flexible system expansion

Expand your system flexibly: new field devices can be retrofitted with little effort



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Unleash your systems – smart factories require smart communication

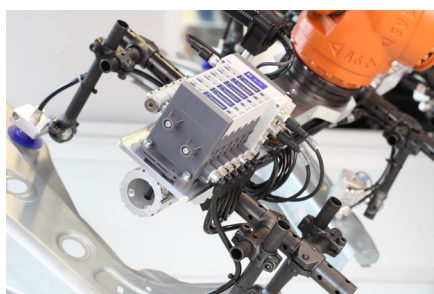


With IO-Link Wireless, you can optimize wired systems with a flexible wireless solution – for maximum freedom of movement, fast start of operations and reliable communication even in dynamic applications.

In addition to low installation costs, easy expandability and future-proof automation our IO-Link products offer you the following benefits:

- Cost reduction through targeted energy use thanks to full transparency of energy consumption in your system
- Efficient troubleshooting and condition monitoring leads to targeted maintenance and higher plant availability
- Remote access and quick parameterization simplify device replacement
- High process quality through precise and reliable data transmission
- High robustness, designed for industrial environments to transmit data in near real time

Coming soon!



Schmalz will also offer its compact terminal SCTSi as well as the electrical vacuum generator ECBPMi in versions with IO-Link Wireless.