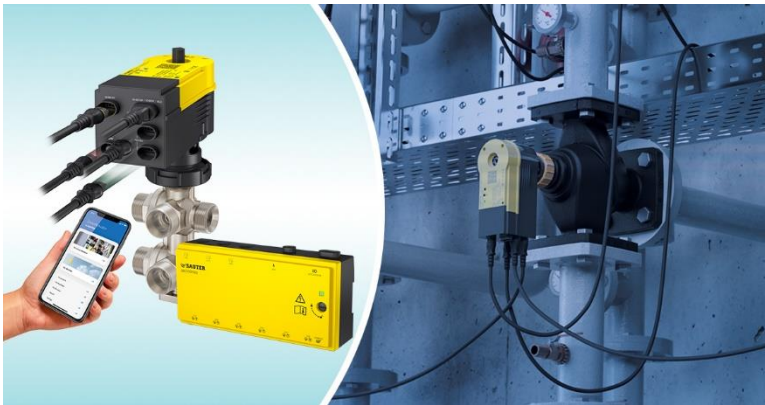


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## Smart Actuator product launch: IoT for new buildings and refurbishments

SAUTER is expanding its range with the new generation of IoT-capable actuators. The [Smart Actuator](#) enables autonomous or semi-autonomous control in heating, ventilation and air conditioning. Additional benefits include simple installation and commissioning, cloud connection with application library and remote access, as well as a smartphone app.



*The Smart Actuator in operation*

Valves and actuators are key components in energy distribution. They are deployed in heating and ventilation systems as well as room automation. Time and again, traditional systems present challenges to the operators during installation. The new Smart Actuator from SAUTER simplifies the planning, installation and operation of HVAC systems in new or modernised buildings. It offers decisive advantages for all user groups.

### Easy installation and commissioning

The connector system in combination with pre-assembled cables ensures particularly fast installation. Mechanical and colour coding not only prevents wiring errors, but also results in cost savings. Tested and ready-programmed applications can be loaded and configured directly on the Smart Actuator via the smartphone app. Additional software is not necessary.

Field devices such as sensors that are required for the application can be connected directly to the actuator via two universal I/Os. The optional I/O module allows the range of applications to be extended comprehensively.

### **Connectivity, IoT and cloud connection**

The Smart Actuator has communication interfaces for every use case and thus integrates seamlessly into all building automation systems. If a building automation network is already present, the Smart Actuator can be incorporated via [BACnet](#) MS/TP. Installers, service technicians and facility managers can access the Smart Actuator's operating data, settings and controls remotely via the SAUTER Cloud using their smartphones. All the data can be accessed via Bluetooth LE without a network connection. A solution library is available in the cloud.

### **Semi-autonomous or even autonomous control for distributed intelligence**

Decentrally installed, control tasks are performed autonomously by the Smart Actuator without additional automation stations. This means it is even possible to completely dispense with central plant automation. If this is not desired, interfaces for system integration enable semi-autonomous control within the overall system.

Advantages of distributed intelligence:

- More robust systems, no single point of failure
- Less use of resources (no cable harnesses or wiring costs)
- More compact systems, smaller control cabinets, reduced fire loads
- Better system modularity
- Simplified software and hardware structure – independent of architecture

The [Smart Actuator](#) will be available in the summer of 2022. For product demonstrations, please contact Sales.

Learn more about the Smart Actuator in our [video on YouTube](#).

### **About SAUTER**

As the leading provider of solutions for building automation technology in Green Buildings, SAUTER ensures good climate conditions and a sense of well-being in sustainable environments. SAUTER is a specialist in developing, producing and marketing products and systems for energy-efficient total solutions, and offers a comprehensive range of services to ensure the energy-optimised operation of buildings. Our products, solutions and services enable high energy efficiency throughout the entire life-cycle of a building – from planning and construction through to operation – in office and administrative buildings, research and

educational facilities, hospitals, industrial buildings and laboratories, airports, leisure facilities, hotels and data centres. With over 100 years of experience and a track record of technological expertise, SAUTER is a proven system integrator that stands for continuous innovation and Swiss quality. SAUTER provides users and operators with an overview of energy flows and consumption, and therefore of the development of the costs involved.

#### **The SAUTER Group**

- Company active worldwide with headquarters in Basel, Switzerland
- Founded in 1910, it is built on more than 100 years of tradition and experience
- With more than 3,300 employees, it is present and active globally
- Complete building management solutions from a single source
- Focus: maximum energy efficiency and sustainability
- Investment protection and operational reliability over the entire building life-cycle
- Technology leader in the building automation and system integration sector
- Member of eu.bac, BACnet Interest Group (BIG-EU), BACnet International, EnOcean Alliance
- Excellent references available at [www.sauter-controls.com](http://www.sauter-controls.com)