

15.12.22

BACnet certification for Smart Actuator

The Smart Actuator has received the BACnet certification as B-ASC (Application-Specific Controller). The certificate is the verification of the conformity of the Smart Actuator by an independent BACnet test laboratory and confirms the interoperability with other certified BACnet products.



The Smart Actuator enables problem-free, autonomous control in heating, ventilation and air-conditioning. SAUTER provides programs for controlling HVAC applications and for intelligent unitary control. When setting up individual plants, planners and installers have a wide range of applications to choose from. All of the Smart Actuator functions provided have been developed and validated by a SAUTER team of experts. The field devices required for the application can be connected directly to the actuator via two universal I/Os. The optional I/O box allows the range of applications to be extended comprehensively.

The intelligent solution for smart buildings

The IoT-capable SAUTER Smart Actuator is easy to commission. The connector system in combination with pre-assembled cables ensures particularly fast and error-free installation. The mechanical and colour coding prevents wiring errors.

Installers are supported by the smartphone app. All functions are accessed intuitively:

- Identification
- Selecting the application
- Defining the setting parameters
- Integration into the BA network or the cloud

Operating data can be graphically visualised via the SAUTER cloud. Thus, plant optimisations are carried out online via the MobileApp and the remote control is enabled.

BACnet certification

Building users do not notice BACnet, but for the technology and the devices in the field of building and room automation, there is no way around the BACnet standard. It has become the most important communication protocol in the industry. Simply put, the protocol defines the rules for the data exchange between individual HVAC and building automation devices. The certification programme of the BACnet Testing Laboratories (BTL) issues products with a certificate of conformity (i.e. inclusion in the BTL list). This certificate confirms that the documented functional scope complies with the standard, and it carries the BTL logo. All BTL-certified products from SAUTER are officially registered on the following website:

<https://bacnetinternational.net/btl>

[» Download BACnet certificate](#)

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