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S+S REGELTECHNIK

# RYM MASKON®

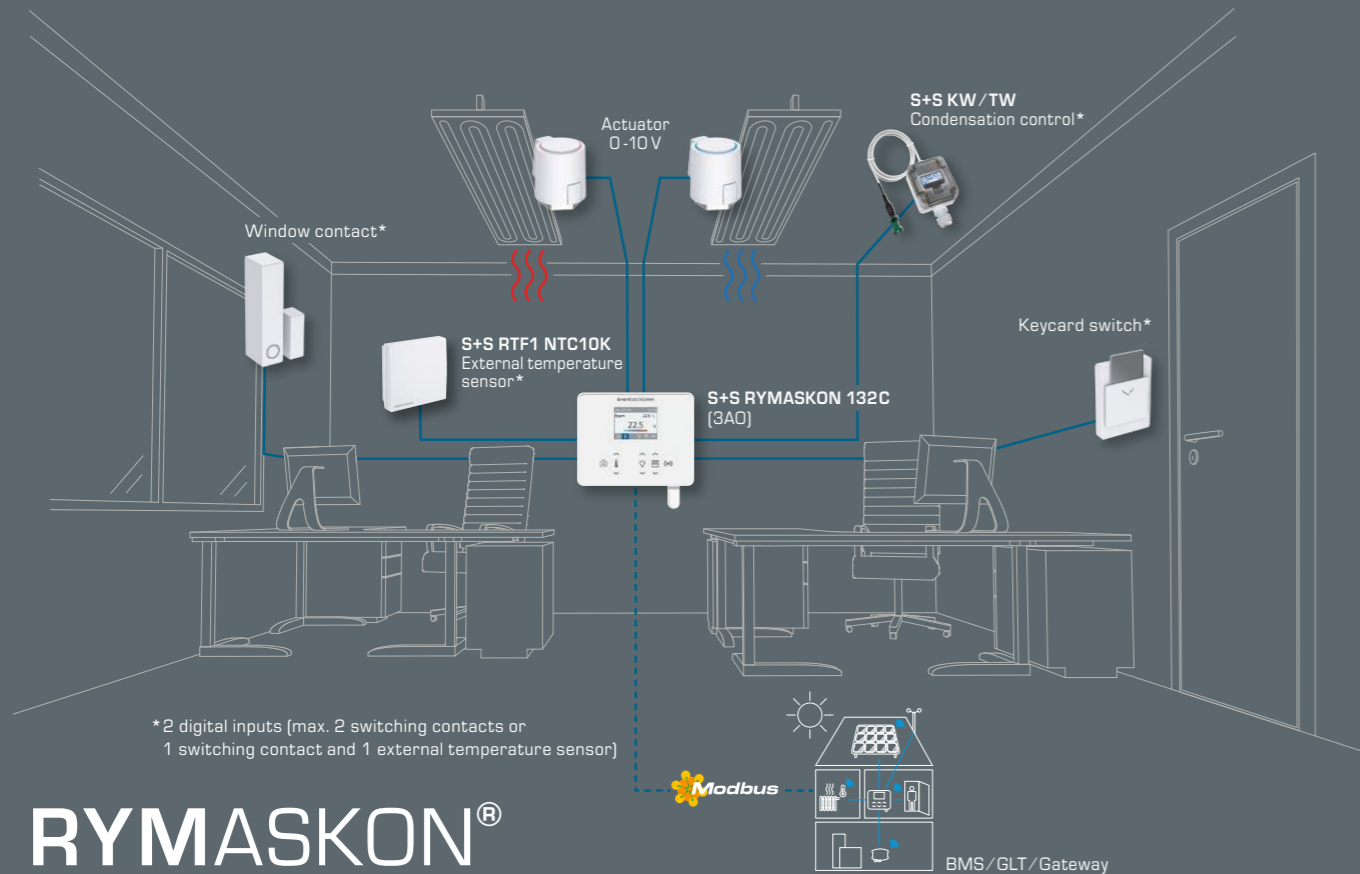


THE PERFECT SOLUTION FOR  
INTELLIGENT SINGLE-ROOM CONTROL

10.25

[www.SplusS.de](http://www.SplusS.de)





# RYMASKON®

## HIGHLIGHTS



### Globally ready, universally smart

Six pre-stored languages, international symbols, power supply of 24 V or 230 V (controller: from 100 V to 240 V), °C or °F, metric or imperial units



### Master the shading!

Individually adjustable slat angles, two separately controllable zones, ideal for complex room layouts such as corner offices.



### Breathe easy: indoor climate monitoring!

Integrated CO2 and VOC sensors (optional), open window detection, and efficient control enable energy-optimized and environmentally friendly building operation.



### Control more. Rely less: RYMASKON® controller.

Built-in control functions (PI, PWM, or 2-/3-point control), control of actuators via 0-10 V/digital outputs, bus communication and external intervention possible



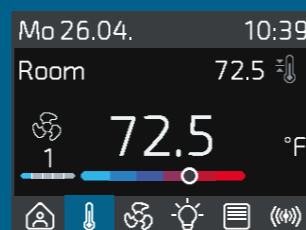
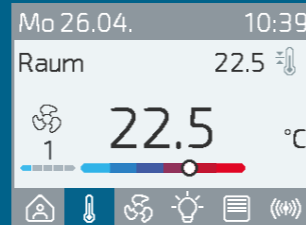
### Ultimate Flexibility: Seamless 6-way valve control!

Supports 6-way valves, configurable via parameters, various valve types selectable, control via heating/cooling output possible



### Smart Communication via Modbus / wModbus

Seamless network thanks to BUS connection, options for Modbus or wireless Modbus outputs



**FIND OUT MORE:**  
[www.SplusS.de](http://www.SplusS.de)

Quantity discount



**RYMASKON® RYM 1301-RH-MOD**  
Room operation unit (Interface)

**220,10 €**



**RYMASKON® RYM 1431C-RH-MOD-BL**  
Room controller (Controller)

**297,97 €**



**RYMASKON® RYM 1432C-RH-MOD-BB**  
Room controller (Controller)

**297,97 €**



**RYMASKON® online product configurator**

Configure your own custom product from over 900 options at [www.SplusS.de](http://www.SplusS.de)



Custom front design on request



### Sleek design meets smart control

Modern, compact design & elegant high-gloss housing in black or white, customized front design on request



### User-friendliness & personalization at the highest level!

2-inch TFT display: high contrast, wide viewing angle of 85°, practical backlighting, flexibly shown or hidden values, PIN protection, child safety lock, individually nameable rooms



### Precision perfected: External sensor!

Measure temperature with maximum accuracy of  $\pm 0.3$  K: influence of self-heating is avoided by an external sensor



### Touch the future!

User-friendly, wear-free touch buttons with child safety locks, PIN protection and cleaning mode



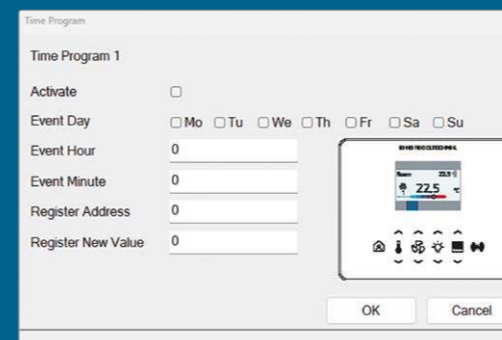
### Free configuration tool

License-free Windows tool for easy connect via USB, firmware updates, save and transfer of configurations, adjustment of Modbus registers and up to 48 time programs



### S+S CuRA: Super personalization!

Individual register blocks, quick query, adjusting of register addresses without adjustment of the basic programming, import and export of configurations





## W-MODBUS HIGHLIGHTS

- Wireless Modbus RTU architecture for smart HVAC and building automation
- License-free ISM band at 2.4 GHz
- Up to 100 units (nodes) in a shared mesh topology
- Signal transmission at low latency
- Long range up to 500 m (line of sight) by sending and forwarding data points (up to 8 hops)
- Ideal for refurbishment / retrofitting in the field and in rooms
- Reduced costs and time required for wiring (no data cable required), installation planning, troubleshooting
- Quick installation (push-in terminals) and easy mounting on in-wall flush box or on-wall
- Immediate commissioning in 3 steps (e.g. set address only, no further bus parameters necessary)
- Many standard languages for menu control (DE, EN, FR, ES, IT, RU, others upon request)

# W-Modbus

## WIRELESS MODBUS REPLACES A CONVENTIONAL RTU CABLE - FIELDBUS SOLUTIONS FOR SMART BUILDINGS

The **W-Modbus protocol** is based on the (2.4 GHz ISM radio band) and employs a patented frequency hopping technology to maximise reliability and resistance to interference. This means that reliable radio transmission can also be ensured in industrial environments.

In the **W-Modbus network** up to 100 nodes can communicate with each other over a long distance of up to 500 metres (open field) using one gateway. A standardised W-Modbus module ensures compatibility with all W-Modbus units.

The **W-Modbus sensors** only need to be supplied with power. Only the slave address is configured manually, the transmission parameters (baud rate and parity) are set automatically. No terminating resistor is required. The sensor is then paired with a gateway.

The **W-Modbus gateway** serves as a transition between wired Modbus and radio-based W-Modbus. Even mixed configurations of wired and radio-based Modbus units can be easily integrated into existing network topologies via the W-Modbus gateway.



**THERMASGARD® ATM2-wModbus**  
Outdoor / damp room temperature transducer  
1101-12CF-0000-000  
**220,91 €**



**THERMASGARD® TM65-wModbus**  
50 mm LCD  
Immersion / screw-in / duct temperature transmitter  
1101-723F-4010-000  
**278,60 €**



**THERMASGARD® ALTM2-wModbus**  
Contact temperature / pipe contact transmitter  
1101-62BF-0210-000  
**233,62 €**



**THERMASGARD® RPTM1-wModbus**  
Room pendulum temperature transmitter  
1101-628F-0210-000  
**271,54 €**



**HYGRASGARD® TW-external-wModbus**  
Dew point monitor (with offset sensor head)  
1201-1281-F001-030  
**264,82 €**



**HYGRASGARD® KFTF-wModbus LCD**  
Duct humidity and temperature sensor  
1201-32CF-1400-029  
**324,54 €**



**PREMASGARD® 2327-wModbus LCD**  
(with Display)  
Differential pressure transmitter  
1301-12CF-4950-200  
**315,01 €**



**PREMASGARD® 2327-wModbus**  
(without Display)  
Differential pressure transmitter  
1301-12CF-0950-200  
**258,92 €**



**RYMASKON® RYM 1301-RH-WMOD-AP-L**  
Room operating unit (Interface)  
RYM1-3011-W211-003  
**365,72 €**



**RYMASKON® RYM 1431C-RH-WMOD-BL**  
Room controller (Controller)  
RYM1-4311-W210-005  
**381,17 €**



**KYMASGARD® WIRELESS Gateway**  
with wModbus-module  
Gateway  
1801-1211-1101-000  
**238,16 €**

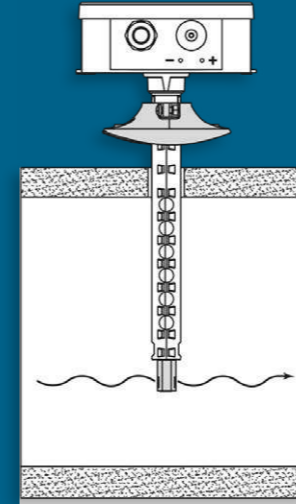
# RHEASGARD® RHEASREG®



## FLOW SENSORS / FLOW CONTROLLERS MEASURING TRANSDUCERS FOR AIR VELOCITY, VOLUME FLOW AND TEMPERATURE

### HIGHLIGHTS

- Precise flow sensor with sensor breakage protection (calorimetric, calibratable, temperature-compensated) for **Flow velocity** (0.1...20 m/s)
- with start-up override (adjustable depending on type)
- other parameters:  
**Volume flow** (0...200 000 m³/h)  
**Temperature** (0...+50°C)
- Measuring transducer with active output or Modbus connection (RTU)
- Changeover contact with automatic reset
- Devices for voltage supply **24 V AC/DC** or **230 V AC**



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Quantity discount



Our new product family of precise airflow sensors increases well-being and improves energy efficiency. Besides the duct sensor, there are further housing variants available with an external duct probe for on-wall or top-hat rail mounting.

The electronic sensor detects the flow velocity (0.1...20 m/s). It is suitable for monitoring or controlling airflows in ducts, at fans and dampers, for flow-dependent monitoring of humidifiers and electric heating registers according to DIN 57100, Sect. 420, or for use in connection with DDC systems.

The volume flow (by way of simple calculation using the duct cross-section and the flow velocity) and the temperature can be retrieved as additional parameters depending on the type.

Automatic Detection and Switching  
to 0...10V or 4...20mA standard signal

**AOS-PATENTED**  
AUTOMATIC OUTPUT SWITCHING



RHEASREG®  
KLSW-W24 120mm  
(without Display)  
Air flow sensor  
1701-4113-0102-001  
**237,65 €**



RHEASGARD® KLGF-Modbus  
(without Display)  
Air flow sensor  
1701-4216-0101-000  
**312,79 €**



RHEASGARD®  
KLGF-Modbus LCD  
(with Display)  
Air flow sensor  
1701-4216-1101-000  
**379,20 €**



RHEASGARD®  
KLGFV-Modbus LCD  
(with Display)  
Air flow sensor  
1701-4216-1401-000  
**404,91 €**



RHEASGARD®  
KLG-U 220mm  
(without Display)  
Air flow sensor  
1701-4111-0102-000  
**269,14 €**



RHEASGARD®  
KLG-U 120mm  
(without Display)  
Air flow sensor  
1701-4111-0101-000  
**202,46 €**



RHEASGARD®  
KHSSFV-Modbus  
Duct top-hat rail  
airflow monitor  
1701-5216-0302-000  
**373,85 €**



RHEASREG®  
KHSSW-W24  
Duct top-hat rail  
airflow sensor /  
airflow monitor  
1701-5113-0102-001  
**235,66 €**



RHEASGARD®  
KHSSF-W  
Duct top-hat rail  
airflow sensor /  
airflow monitor  
1701-5118-0102-001  
**352,42 €**





**C&R, MADRID / SPAIN**  
**18.-20.11.2025**

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**BIG 5, DUBAI / UAE**  
**24.-27.11.2025**



**SPS, NUREMBERG / GERMANY**  
**25.-27.11.2025**



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