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TEST OUR PROMOTIONAL PACKAGE RIGHT NOW!

Monitoring remote measuring points – even without a local power grid

With the energy self-sufficient SIMATIC RTU3041C

The compact remote terminal unit SIMATIC RTU3041C enables positioning via GPS and monitors remote measuring points, even when a local power grid is not available. Due to its optimized energy consumption, the remote terminal unit (RTU) can be used without external power sources. It supplies its own power – via battery or accumulator with solar panel. Also the connected sensors can be supplied with power via the RTU. The RTU records and buffers values of the connected sensors with a time stamp. The new FW version V5.0 adds a further loadable firmware for data transmission via MQTT to the RTU3000C. Process values can then easily be transmitted to a cloud application instead of to a remote control center. Project planning and configuration of the RTU is simple and can be done remote – by means of a web browser.



Your benefits

- Consumption-optimized low-power operation
- RTU3041C with integrated LTE modem (LTE-M/NB-IoT) and positioning via GPS
- Extended temperature range from –40 to +70 °C
- Data buffering of process values with time stamps
- Loadable firmware for various protocols:
TeleControl Basic, SINAUT ST7, DNP3, IEC 60870-5-104 and cloud connection via MQTT
- Secured communication via OpenVPN, a secure tunnel of TeleControl Server Basic, or secured e-mail
- Integrated analog inputs as well as digital inputs and outputs
- Optional extension board enables connection of additional sensors via Modbus RTU and HART Multidrop
- Sensors can be supplied with power via the RTU
- Configuration and firmware updates possible from abroad
- Economical variant RTU3010C for use in the LAN

SIEMENS

[siemens.com/compact-rtu](https://www.siemens.com/compact-rtu)

Order your promotional package now!¹⁾

Test the SIMATIC RTU3000C as a promotional package and choose between the following two variants:

Basic package SIMATIC RTU3010C



Test the compact SIMATIC RTU3010C in a local area network and send your process data to a cloud application, e.g., SITRANS store IQ based on Siemens MindSphere.

- SIMATIC RTU3010C
- LOGO! Power 24 V, 2.5 A

Art. No.: 6NH3112-0BA00-0AP1¹⁾

Price: 399,- EUR

Advanced package SIMATIC RTU3041C



Test the compact RTU3041C including extension board for HART or Modbus RTU sensors and send your process data via mobile communication to a Telecontrol station or a cloud application.

- SIMATIC RTU3041C²⁾
- Extension board HART/RS485 for RTU3000C
- Direct mount antenna
- GPS antenna with 2 m connecting cable
- LOGO! Power 24 V, 2.5 A

Art. No.: 6NH3112-4BB00-0AP1¹⁾

Price: 749,- EUR

The following software components could be of interest in combination with SITRANS field devices and SIMATIC RTU3000C:

- SITRANS store IQ allows the easy implementation of cloud-based real-time monitoring and constitutes the foundation for effective inventory management. **Find more information regarding SITRANS store IQ.**
- SITRANS serve IQ is a server-based application for collecting measurement data from remote measuring points. **Find more information on SITRANS serve IQ.**

The following products may also be of interest:

- | | |
|--|---|
| • SIMATIC RTU3000C battery module | Article No.: 6NH3112-3BA00-1XX2 |
| • Degree of protection of aluminum or stainless steel enclosure IP68 | Article No.: 6NH3112-3BA00-1XX3/6NH3112-3BA00-1XX1 |
| • SITRANS Probe LU240 ultrasonic level transmitter | Article No.: 7ML5110-1DE07-4AF0 |
| • SITRANS LR110 radar level transmitter | Article No.: 7ML5313-1AA06-0AA0 |
| • Pointek CLS100 capacitance point level switch | Article No.: 7ML5610-0BD20 |
| • SITRANS FM MAG 5000 flow sensor | Article No.: 7ME6520-3TC31-1CA1 |
| • SITRANS P220 pressure sensor | Article No.: 7MF1567-3CA00-2AA1 |
| • SITRANS TS500 temperature sensor (modular) | Article No.: 7MC7511-1CA01-0CA1-Z E00+T10+Y01 |

¹⁾ One promotional package can be ordered per customer. The general terms and conditions of payment and delivery for products and services of the electrical industry apply. For software products, the "General license conditions for software products for automation and drive technology for customers with a registered office in Germany" apply. Prices are shown in Euros, exworks, and do not include sales tax or postage and packaging.

²⁾ Country-specific and provider-specific approvals must be observed: [siemens.com/mobilenetwork-approvals](https://www.siemens.com/mobilenetwork-approvals)

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Security information

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[siemens.com/industrialsecurity](https://www.siemens.com/industrialsecurity)

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