

# RT-EX-9017

## 8 x Analog Inputs (16 bit)

The EX9017 is high-quality and low-cost add-on data acquisition device that allows expanding the on-board analog input capabilities on X32-based RTCU units almost indefinitely and completely transparent using MODBUS communication protocol.

The EX9017 uses EIA RS-485 - the industry's most widely used bi-directional, balanced transmission line standard. It lets the module transmit and receive data at high data rates over long distances.

The EX9017 expands the RTCU with additional 8 analog inputs.



The EX9017 works in a variety of environments and applications.

- Factory automation and control
- SCADA applications
- HVAC applications
- Remote measuring, monitoring and control
- Security and alarm systems, etc.

## Technical Data

Resolution	16 bit
Input Channel	8 diff.
Sampling Rate	10 Hz
Voltage Input	+/- 150 mV +/- 500 mV +/- 1 V +/- 5 V +/- 10 V
Current Input	+/- 20 mA
Isolation	3000 V
Power Input	+10 V to + 30 V
Power Consumption	1,3 W
Operating Temperature	-25 ~ 75°C
Dual Watchdog Timer	√

**For more information:**

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