

RT-EX-9036

6 x Analog RTD Sensor Input (16 bit)

The RT-EX-9036 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 EX9036 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 EX9036 can be used to expand the RTCU with additional 6 high resolution analog inputs.

The EX9036 accepts various configurations of RTD sensors supporting demanding high precision and wide-range temperature measurement applications.



The EX9036 works in a variety of environments and applications, including:

- 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	6 diff.
Sampling Rate	15 Hz
RTD sensor types supported	Pt100
Isolation	3000 V
Power Input	+10 V to + 30 V
Power Consumption	2,5 W
Operating Temperature	-25 ~ 75°C
Dual Watchdog Timer	√