

Analog Inputs Module

- 8 Differential Channels. **Voltage and Current**
- Serial **MODBUS** Communication

RMS2-AI



0-10V
4-20mA



INDUSTRIAL
MODEL

Using the **RMS2-AI**, you can accurately acquire analog **voltage and current variables** (0-10V and 4-20mA).

The acquired data is transmitted through a **serial port** using the **Modbus RTU/ASCII communication protocol**.

GENERAL FEATURES

- **Modbus RTU/ASCII**
 - Serial Port RS232/485
- **8 Analog Inputs**
 - Differential Channels
 - Current 4-20mA
 - Voltage 0-10 V

APPLICATIONS

- Temperature Supervision
- Remote Monitoring
- Industrial Automation
- PLC and SCADA

TECHNICAL SPECIFICATIONS

• Communication Protocols	Modbus RTU, Modbus ASCII
• Analog Inputs	0-10V / 4-20mA ($Z_i = 62\Omega$).
• Inputs Resolution	12 bits
• USB port	1 USB type B, for device configuration
• Serial Port	1 RS-232 + 1RS-485
• LED Indicators	Status and Data Leds
• Dimensions	100 mm x 22,5 mm x 112 mm (Height x Width x Length).
• Power	+10 to +30 Vdc
• Current	25mA at +12 Vdc / 15mA at +24 Vdc
• Temperatures	Operation: -15 a 65 °C. Storage: -40 a 75 °C.
• Warranty	1 year

Example of Use

Master
MODBUS

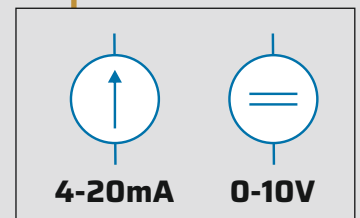


Modbus RTU/ASCII
RS232 / RS485



RMS2-AI

8 Inputs



ORDERING CODE

RMS2-AI-110-00-80-IA3-MB

For pricing or any further information, please contact Omni Instruments Ltd.



Measurement and data acquisition solutions

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