Analog Acquisition Modules
with Serial communication

RMS1-TC

exemys

Using RMS1-TC, You can acquire temperature variables, and transmit the acquired data through a serial communication. The serial protocols available to the device are Modbus ASCII / RTU or Hostlink (OMRON®)

RMS1-TC is a temperature analog acquisition module, with serial communication in Modbus protocols ASCII/RTU Slave or Hostlink (OMRON) Master.

⭐ FEATURES

8 differential input channels:

- Temperature, Thermocouples J,K,T,R,N,E,S

Configurable serial protocol

- Modbus ASCII / RTU Slave
- Hostlink Omron Master

✔ EXAMPLES OF USE

- Analog sensors general systems
- Remote systems monitoring
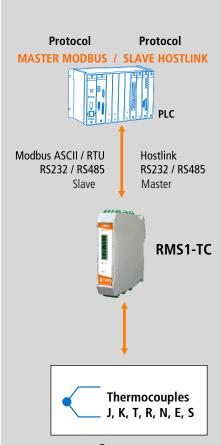- Industrial automation
- PLCs and SCADA systems

Protocol **MASTER MODBUS** / Protocol **SLAVE HOSTLINK**

PLC

Modbus ASCII / RTU
RS232 / RS485
Slave

Hostlink
RS232 / RS485
Master

RMS1-TC

Thermocouples
J, K, T, R, N, E, S

Sensor

SCIENCE GATE
Your Automation Partner

SCIGATE AUTOMATION (S) PTE LTD

RMS1-TC

⚙ TECHNICAL FEATURES

- **Serial port**
  RS232 for device configuration
  RS232/RS485 for data acquisition
  Galvanic Isolation in RS485

- **Serial Protocol**
  Mosbus ASCII / RTU slave or Hotlink master

- **Administration**
  Serial RS232 console

- **Indicators**
  Power LED
  Data LED
  Alarm LED

- **Dimensions**
  100 mm x 22,5 mm x 112 mm (height x width x length).

- **Power Supply**
  10 a 30 V

- **Power consuption**
  200mA max with power supply of 10 Vdc
  100mA max with power supply of 30 Vdc

- **Temperature**
  Operating temperature: -5 to 65 ºC.
  Storage Temperature: -40 to 75 ºC.

- **Warranty / Support**
  1 year.
  Technical support included

IEC IEC 60950-1:2005+A1

⚙ PARTICULAR SPECIFICATIONS

MODEL	INPUT	RESOLUTION	SAMPLING
RMS1-TC	Thermocouples J,K,T,R,N,E,S	0,1°C	200ms per channel

CERTIFICATE OF REGISTRATION ISO 9001:2015

IRAM
IQNet CERTIFIED MANAGEMENT SYSTEM

GESTION
DE LA CALIDAD

RI-9000-6174
Acreditado por OAA

www.exemys.com

📋 ORDERING INFORMATION

PART NUMBER	INPUTS	PROTOCOLS	SERIAL PORTS
RMS1-TC-110-00-80-IA3-MBHL	8	MODBUS ASCII/RTU (SLAVE)	1 RS232
		Hostlink (MASTER)	1 RS485

For technical support please contact:
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For sales please contact:
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