

Thermocouple Inputs Module

- 8 Differential Channels of **Thermocouples**
- With Serial **MODBUS** Communication

RMS2-TC



Tc

INDUSTRIAL
MODEL

Using the **RMS2-TC**, you can accurately acquire temperature measurements from Thermocouples.

The acquired data is transmitted through an **RS232/485 serial port** using the **Modbus RTU/ASCII communication protocol**.

GENERAL FEATURES

- **Modbus RTU/ASCII**
 - Serial Port RS232/485
- **8 Thermocouple Sensor Inputs**
 - Type **J,K,T,R,N,E,S**

APPLICATIONS

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

TECHNICAL SPECIFICATIONS

• Communication Protocols	Modbus RTU, Modbus ASCII
• Analog Inputs	8 Thermocouples Sensor, type J, K, T, R, N, E, S
• Inputs Resolution	0,1°C
• 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-TC

8 Inputs



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

ORDERING CODE

RMS2-TC-110-00-80-IA3-MB

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



Measurement and data acquisition solutions

Contact Details:

Tel: +44 1382 443000
Email: info@omni.uk.com

Website: www.omniinstruments.co.uk

Mailing Address: Unit 1, 14 Nobel Road,
Wester Gourdie Industrial Estate,
Dundee, DD2 4UH.