

Thermocouple Inputs Module

8 Differential Channels J, K, T, R, N, E, S

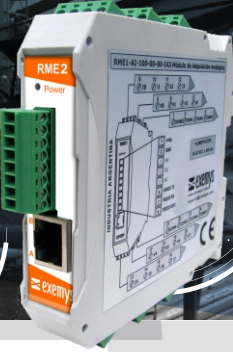
With Ethernet Port (6 protocols)

RME2-TC



Tc

PROGRAMMABLE
WITH SCRIPTS



With the **RME2-TC**, you can accurately capture analog temperature variables from **Thermocouple sensors**.

This device enables efficient communication via an Ethernet port, offering the flexibility to choose from **6 different protocols** to adapt to various system requirements and configurations.

GENERAL FEATURES

8 Thermocouples Inputs

- Differential Channels
- Thermocouples **J, K, T, R, N, E, S**

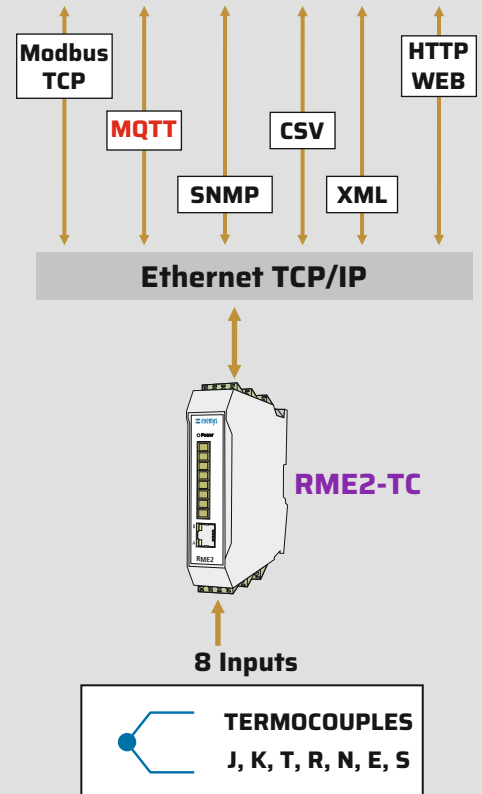
6 Ethernet Protocols

- Modbus TCP
- HTTP / WEB
- SNMP version 1
- CSV
- XML
- MQTT

TECHNICAL SPECIFICATIONS

• Network Protocol	Modbus TCP, HTTP, DHCP, ICMP, ARP, SNMP, MQTT
• Analog Inputs	8 Thermocouples Channels (J, K, T, R, N, E, S) and -10 to +80mV
• Input Resolution	0,1°C
• Network Port	Ethernet 10/100 Mbps, Rj45 connector
• Serial Protocol	Modbus RTU/ASCII in Gateway mode
• Serial Port	1 RS-232 port
• Administration	HTTP server, password protected. RS232 Serial Console
• Upgrade	From Webpage
• Led Indicators	Power / Status / Data/Link
• Dimensions	100 mm x 22,5 mm x 112 mm (Width x Height x Depth).
• Power	+10 to +30 Vdc.
• Current	110 mA at +12 Vdc / 60 mA at +24 Vdc
• Temperature	Operation Temperature: -15 to 65 °C. Storage Temperature: -40 to 75 °C.
• Warranty	1 year

6 Ethernet Protocols



PROGRAMMABLE with SCRIPTS (Program Special Functions)

- Mathematical Operations
- Logical Operations
- Timing Operations
- Reading of the Device's Own Inputs
- Switching Digital Outputs On and Off
- Serial Port Data Interpretation
- Data Publishing via WITS Serial

ORDERING CODE

RME2-TC-100-00-80-IA3

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.