

Temperature To RS485 (Modbus)

TR38



- 1 Temperature Channel
- Temperature Range 0 to 100 °C, (-40) to 120 °C (Optional)
- Communication Modbus Protocol ASCII and RTU

Temperature To RS485 (Modbus) TR38 This is a temperature measurement device that transmits measured values via RS485, utilizing either the Modbus ASCII or Modbus RTU communication protocol.



The TR38 can connect to software such as LabVIEW, iFIX, and Genesis via RS485.

Specifications

Serial Interface

Serial Standards: RS485 (Isolated) 2 Pin Terminal Block

Loading: RS485 Max 32 Unit

Distance: RS485 Length 1 Km.

Protocol: MODBUS ASCII/RTU

Support Software: Citect, Wonderware, LAB View etc.

Serial Parameter

Baud Rate: 4800, 9600, 19200, 57600

Data Bit: 8

Stop Bit: 1

Parity: None

Input

Number of Channel: 1 Channel

Input Type: Temperature

Input Range: Temperature 0 to 100 °C, (-)40 to 120 °C (Optional)

Accuracy: ± 0.1 °C @ 25 °C

Power Requirements

Power Supply: 12 to 24 VDC

Power Consumption

Standby: 20 mA @ 12 VDC

Environmental Limits

Operating Temperature: 0 to 55 °C

Operating Humidity: 5 to 95% RH

Storage Temperature: 0 to 70 °C

Physical Characteristics

Dimension: W95 x H65 x D55 mm.

Probe Length: Dia 9.5 x Length 64 mm., Length to Order (Optional)

Warranty

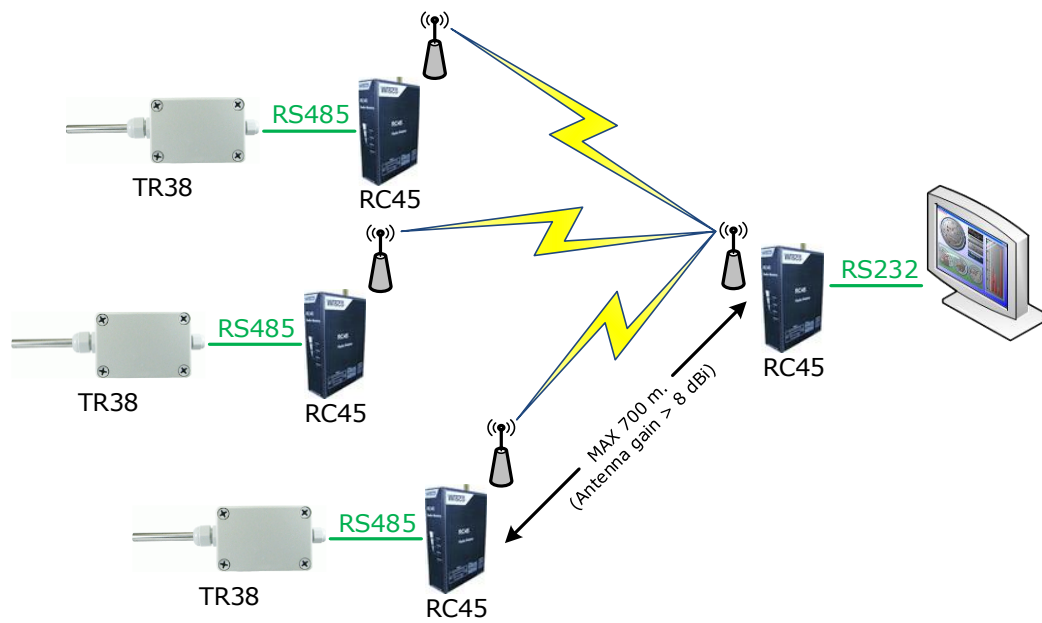
Warranty Period: 1 Year

Ordering Information:

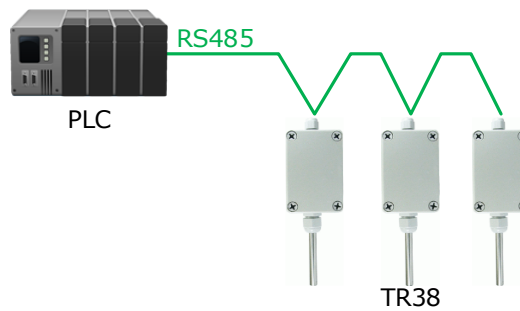
Example TR38

Package Checklist

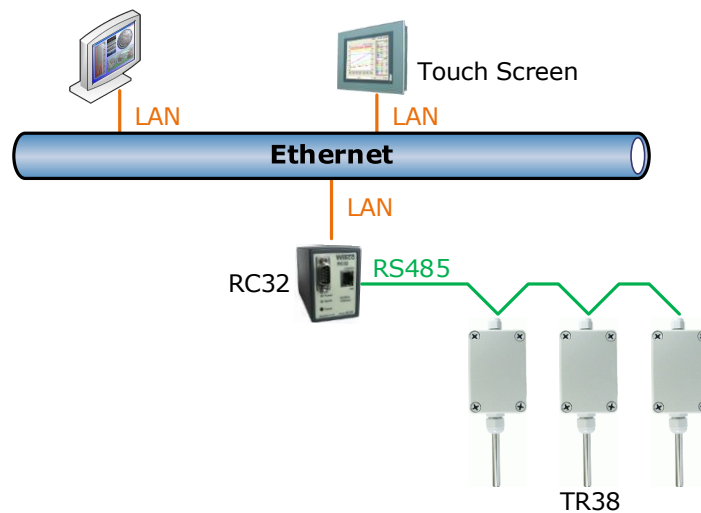
1. TR38



Connection via Wireless (Point to Multipoint)



Connection via PLC



Connection via Network LAN (RC32)