

Using CAT5 UTP Cable for Sensor Connections

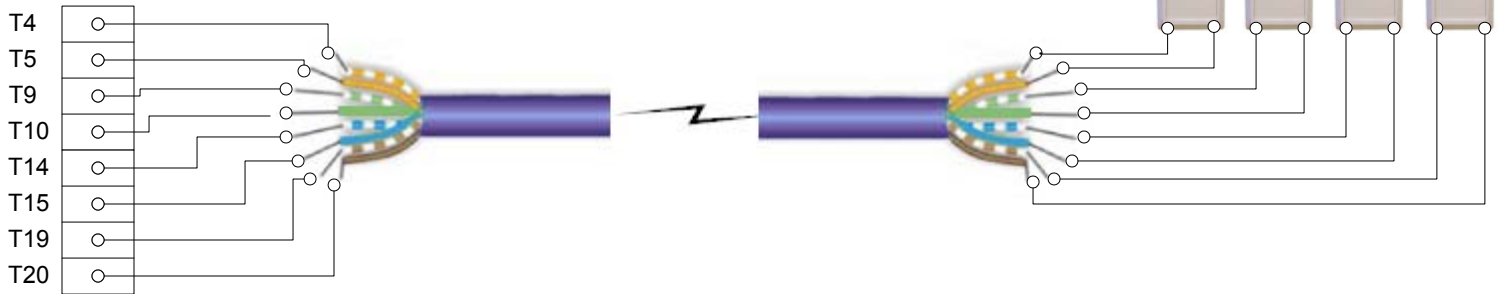
Temperature Sensor Wiring Examples

VM500-8, VM500-8-DCP-E

Single Pair Example - Temperature Only - For Under 325 foot cable runs

In single pair wiring, each pair supports one sensor for up to 4 temperature sensors per CAT5 cable.

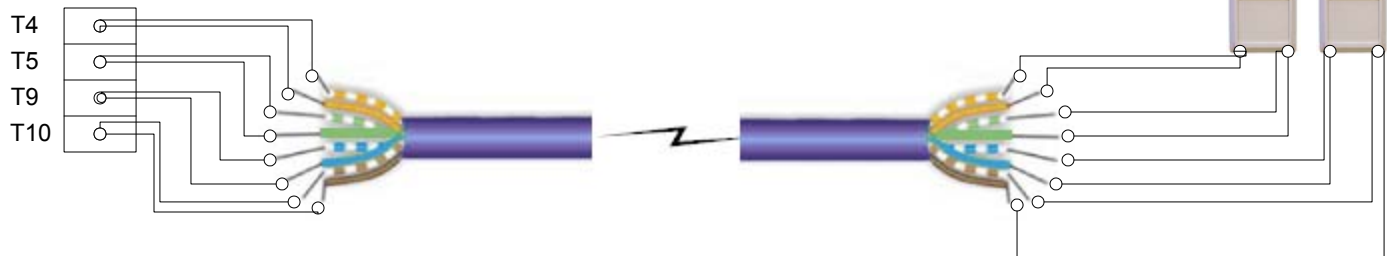
VM500-8 Terminal Block



Dual Pair Example - Temperature Only - For Over 325 foot cable runs

In dual pair wiring, each pair is used to support one lead of the temperature sensor. This is done to reduce the total resistance of the wire in longer run applications.

VM500-8 Terminal Block



DESCRIPTION

USING CAT5 UTP CABLE FOR WIRING SENSORS TO TEMPERATURE GUARD DEVICES

Microtechnologies, Inc.
Berlin, CT

860-829-2710 (voice)
www.TemperatureGuard.com

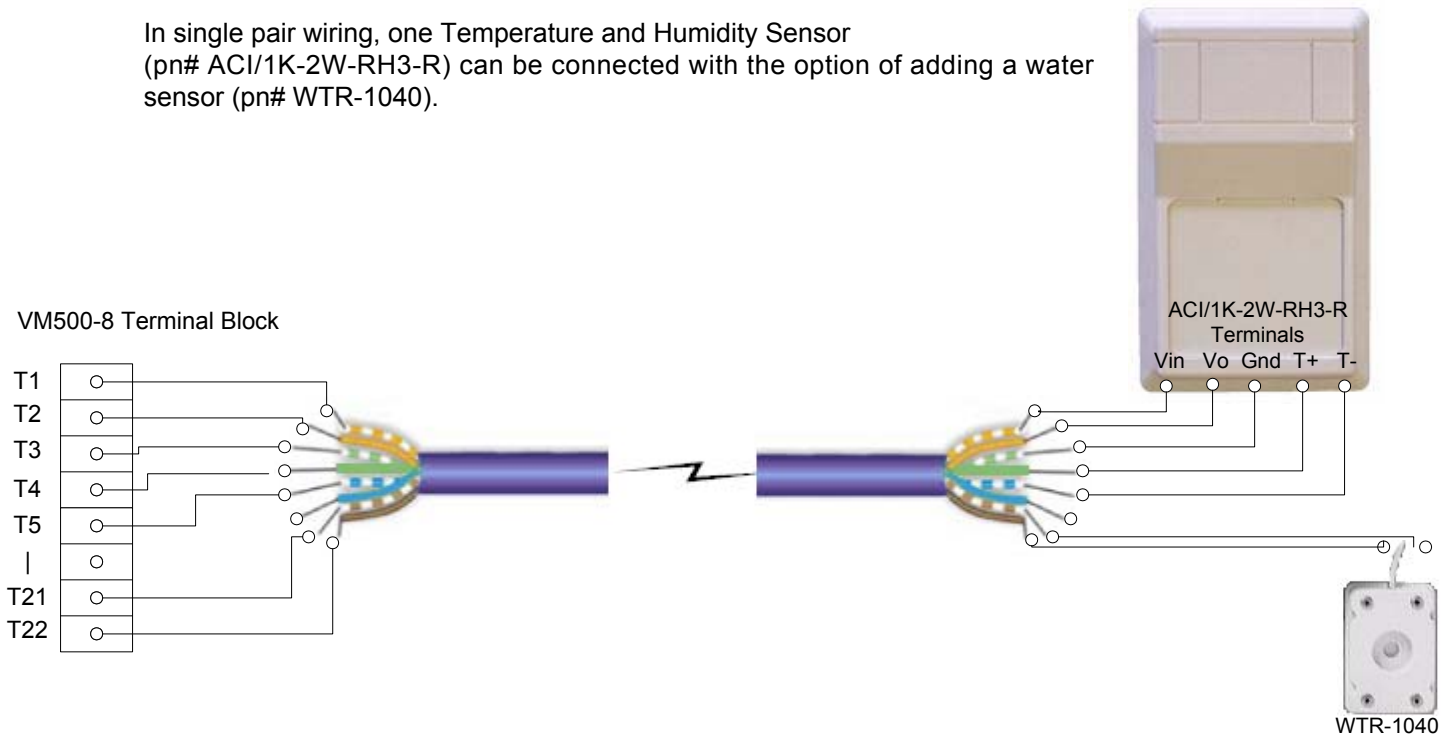
Using CAT5 UTP Cable for Sensor Connections

Temperature & Humidity Wiring Examples

VM500-8, VM500-8-DCP-E

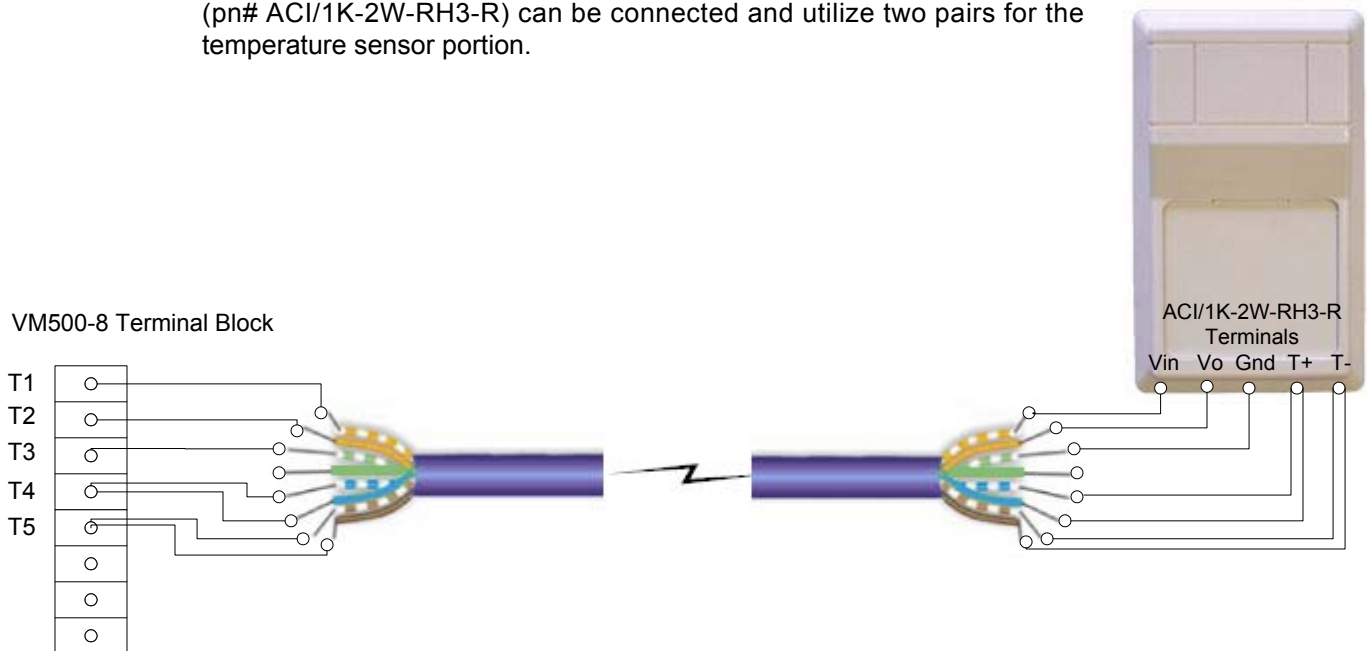
Single Pair Example - Temperature and Humidity - For Under 325 foot cable runs

In single pair wiring, one Temperature and Humidity Sensor (pn# ACI/1K-2W-RH3-R) can be connected with the option of adding a water sensor (pn# WTR-1040).



Dual Pair Example - Temperature and Humidity - For Over 325 foot cable runs

In dual pair wiring, one Temperature and Humidity Sensor (pn# ACI/1K-2W-RH3-R) can be connected and utilize two pairs for the temperature sensor portion.



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