

A82 PC Interface Cable Quick Start Guide

This guide will help you get started. Detailed instructions are available in the WXT510 sensor interface manual.

Overview

The A82 PC interface cable connects the Vaisala WXT520 weather transmitter to a PC COM Port, providing an easily assembled, real-time weather monitoring system. The A82 is designed specifically for use with weatherVIC software, a powerful data collection and analysis tool for the Vaisala WXT520 multi-parameter weather transmitter.

Powering the WXT520

The A10 12V power supply connects from a standard wall outlet to the power jack on the DB-9 end of the A82 interface cable.

Configuring the Weather Station

1. Install weatherVIC software on a PC.
2. WXT520 multi-parameter weather sensors must use RS232 protocol to interface directly with weatherVIC software. If necessary, switch from SDI-12 to RS232 protocol.
3. Use a flat head screwdriver to loosen the (3) fixing screws from the WXT520. Gently pull the top off of the body and install the PTU module. Remove the bottom to expose the green terminal strip.

4. Wire the A82 interface cable to the green terminal strip as shown in the table.

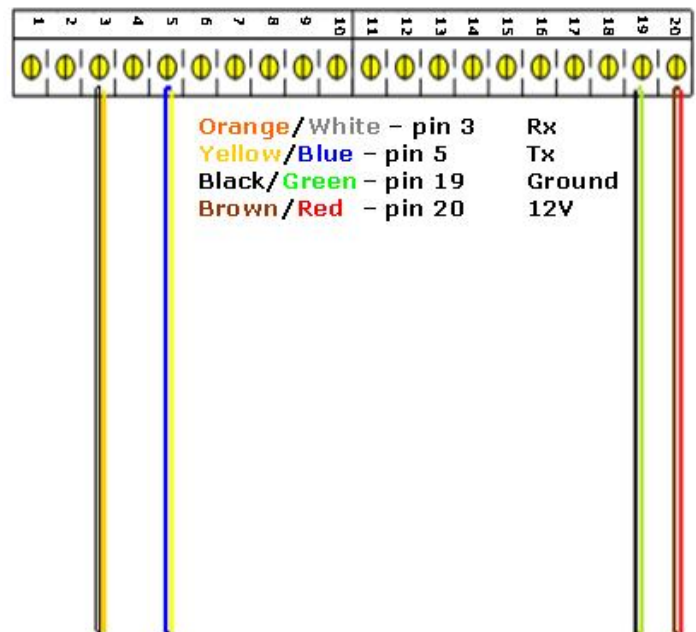
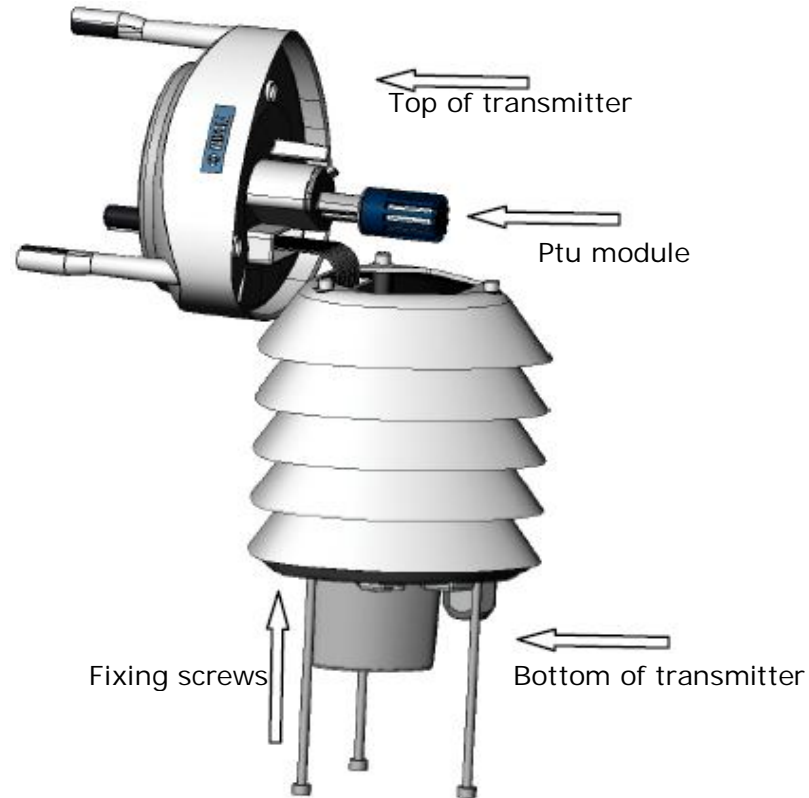
Note: When wired for the heated version, jumper pin 20 to pin 18 and jumper pin 19 to pin 17.

5. Replace the top of the WXT520 and tighten the three fixing screws that fasten the top to the bottom.
6. Plug the DB-9 end of the interface cable into the computer. Open weatherVIC software and start logging data with the weather transmitter.

For more information see the online manuals

www.nexsens.com/pdf/nexsens_weathervic_manual.pdf

www.nexsens.com/pdf/manuals/vaisala_wxt510-rs232_manual.pdf



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