VSCP Starter Kit

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Kit content
1 CAN4VSCP module (serial to VSCP interface).
1 Smart II module (temperature times two).
1 Smart Temperature sensor.
1 Serial cable.
1 Sensor cable
1 CAN cable.
2 120 ohm termination resistors

The VSCP starter kit contains everything you need to get started with the VSCP protocol. The CAN4VSCP module connects the VSCP bus to a PC or other device and the Smart II module with the accurate sensor let you sense two temperatures with max/min alarm points and more.

VSCP modules that are delivered in DIN enclosures are intended for fixed installations and we therefore they use loose cables instead of connectors for the best possible flexibility.

Complete information about the CAN4VSCP module is available at http://www.vscp.org/vscp/modules/can4vscp_rs232/index.html

Complete information about The Kelvin Smarttemp II module is available at http://www.vscp.org/vscp/modules/kelvin_smart2/index.html and about the sensor module http://www.vscp.org/vscp/modules/smart_adapter/index.html

If you have not done so you should download the VSCP software which is available at http://www.vscp.org/downloads.html where the specification of the VSCP protocol also is available.

A 9-16V DC power source is needed to power the modules.

Serial Cable

Red	**RDX**
Orange	**TXD**
Yellow	**DTR**
Green	**GND**

Sensor Cable

Black	Sensor
Red	+5V
Yellow	---
Green	GND

Setup

1.) Connect the CAN cable between the modules. A 120 ohms resistor should be connected between CANH and CANH on both ends of the bus for termination.
2.) Connect Power to a 9-16V DC power source.
3.) The green LED on the Kelvin Smart II should start to light steady or blink. If it blinks nickname initialization is in progress. This process can be started by using a small screwdriver or needle to press the hidden button that is under the small hole on the top of the module. When pressed the lamp starts to blink.
4.) Connect the RS-232 cable to the CAN4VSCP module and to the PC.
5.) If not installed install the VSCP package.
6.) Configure the CAN4VSCP module for CanalWorks as described on the CAN4VSCP page http://www.vscp.org/vscp/modules/can4vscp_rs232/index.html
7.) Start CanalWorks and open a connection using the CAN4VSCP device. Activate the connection.
8.) Press the initialization button on the Kelvin Smart II module. The lamp starts to blink and you will see the events sent by the module while it is looking for a free nickname.
9.) Connect the sensor to the Kelvin Smart II module. Be carefull when it is connected as the sensor can be destroyed if connected in the wrong way.
10.) Temperature values will now be reported every minutes.