

Eltako FVS

Reading out bus signals (e.g. FTS12EM-UC)
with a RS485 converter
from CTI-Lean



Infinite flexibility and convenience in
building installations

1. Preparation

1. Please take the operating manual „[6 steps to success](#)“ into account to preset/start up your FVS system for licensing the software.
2. We strongly recommend the USB-Nano-485 converter from CTI-Lean. Exclusively with this type the function can be guaranteed. This does not suspend the function of another manufacturer , but we can not guarantee for this.
3. First choose „Overview“ in the FVS and then „Configuration/PC-Interfaces“ in the menu bar. Check the COM-Ports for quantity and number.
4. Connect the converter with the terminal A to RSA and B to RSB. The bus signals have to be accessed at the end of the RS485 bus to receive all protocols sent before. Please note that a 220 ohm termination resistor has to be inserted at a bus length of more than 2m to guarantee the correct function of the Eltako bus.
5. Connect the USB-Nano-485 with a free USB port at your computer. In most cases the driver installs himself independently, if this is not the case, install the driver which is included on the provided CD.

2. Insert the USB-Nano-485 into the FVS system

1. After the successful installation of the driver the converter can be now added to the software as another COM-Port.
2. Start the FVS software.
3. Choose the overview.
4. Open „Configuration/PC-Interfaces“ in the menu bar.
5. Now another COM-Port will be shown. Per autodetection it will not be indicated as FAM-USB but the new COM-Port will be displayed.
6. Mark the new COM-Port. If more COM-Ports will be used with other devices like the FAM-USB or FPZ12USB-12V DC, these ports also have to be provided with a marking before everything will be saved.
7. Choose „save“ to save the setting and to close the window.
8. If all settings were correct the status and the ID of the new receiver can be displayed via „Configuration/BAP/FAM-USB/Status“. The IDs of the converter always start with 10000...

If this check was successful complete signals by teach-in dialogs which will be sent to the bus can be integrated in the FVS software via RS485 converter.