Note! This instruction is valid for both models of the Datalogger ("pro" and "easy") with only <u>one</u> PC-Interface (USB <u>or</u> RS232). Also the described software is the same for both models. The update will not influence the stored data, or the settings.

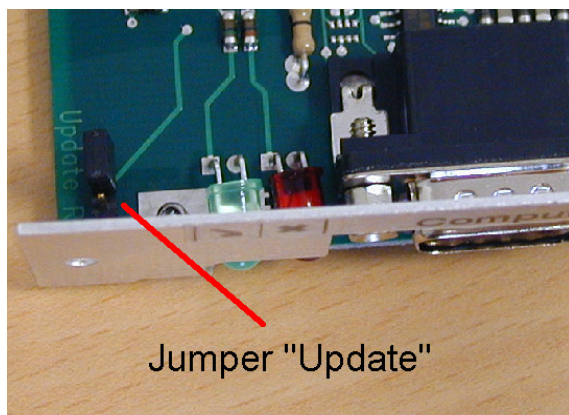| |
|---|
| **CAUTION!**   Only licensed electricity installers are authorized to open the connection area. |

WARNING! Work that is carried out incorrectly can cause serious personal injury and damage to property.

Some preparation steps are different for the different types of Datalogger. Therefore the instructions differentiate between Datalogger Card FRONIUS IG and Datalogger Box Fronius IG.

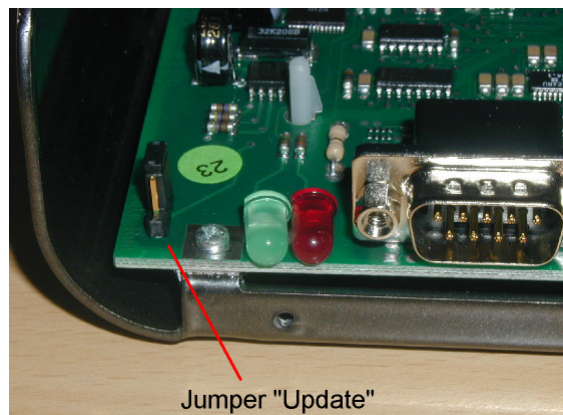## 1. Prepare Datalogger for Update

Datalogger Card

- Set the FRONIUS IG on „Standby" (see the FRONIUS IG Operating Instructions).
- Disconnect the FRONIUS IG on the AC side and then on the DC side.
- Open the connection area (see the FRONIUS IG Operating Instructions).
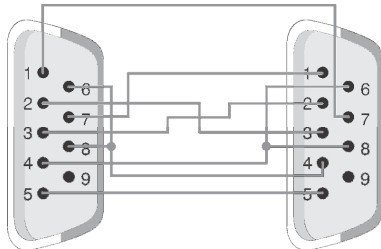- Set the Jumper to position „update" (see picture 1a).

Datalogger Box

- Remove all cables connected to the Data-logger.
- Open the housing by unscrewing the 4 screws.
- Set the Jumper to position „update" (see picture 1b).

Picture 1a, 1b: Jumper in position "Update"

- Close FRONIUS IG housing.
- Connect the FRONIUS IG on the AC side.

- Close the housing with the 4 screws.
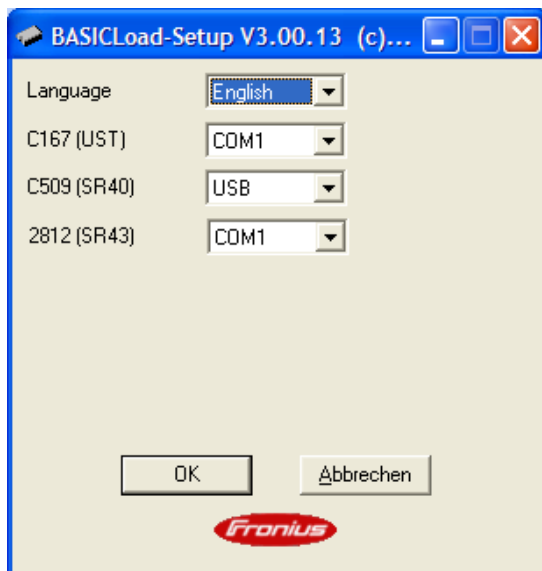- Plug in the communication cables („IN", „OUT").

- The green LED on the Datalogger must light up.
- Connect a USB cable to the interface "PC" or an RS 232 cable with the following pin assignment to the interface „Modem" on the Datalogger.

A cable with such connections can be ordered at Fronius under 43,0004,1692.

2. Update

- Start the file "BASICLoad" and follow the program steps given in the installation software.
- At the end of the installation the following window appears:

- Select the interface of your PC to which the Datalogger is connected to in the box C509 (SR40).
- Click on the „OK" button.
- Start the file "OFFICIAL Datalogger V5.01.20" and wait until the program is finished.

Now the update is completed, and the Datalogger is running with the new firmware.

3. Complete update

Datalogger Card

- Disconnect the FRONIUS IG on the AC side.
- Open the connection area.
- Set the Jumper to position „run" (see picture 1a).
- Close FRONIUS IG housing.
- Connect the FRONIUS IG on the AC side and DC side.
- Plug in the ATAT Link cable to the interface „Computer" on your Datalogger.

Datalogger Box

- Remove all cables connected to the Datalogger.
- Open the housing by unscrewing the 4 screws.
- Set the Jumper to position „run" (see picture 1b).
- Close the housing with the 4 screws.
- Plug in the communication cables („IN", „OUT").
- Plug in the ATAT Link cable to the interface „Computer" on your Datalogger.