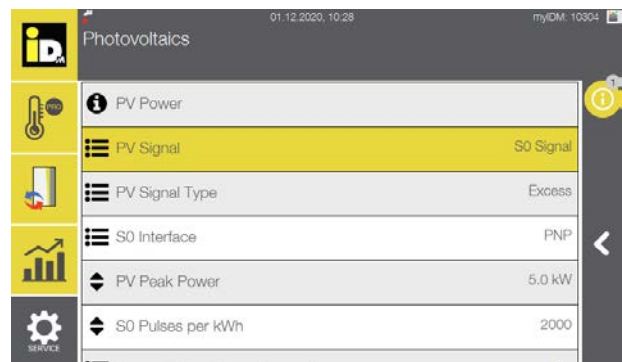
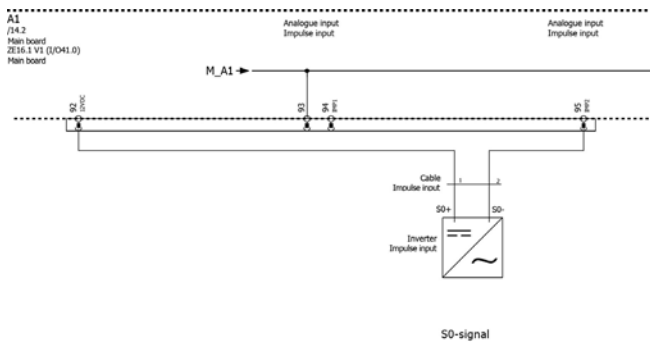


2.2.3. Kommunikation über S0-Signal

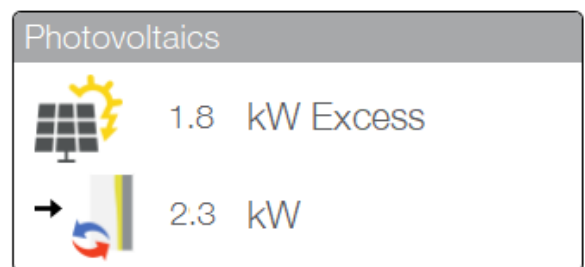
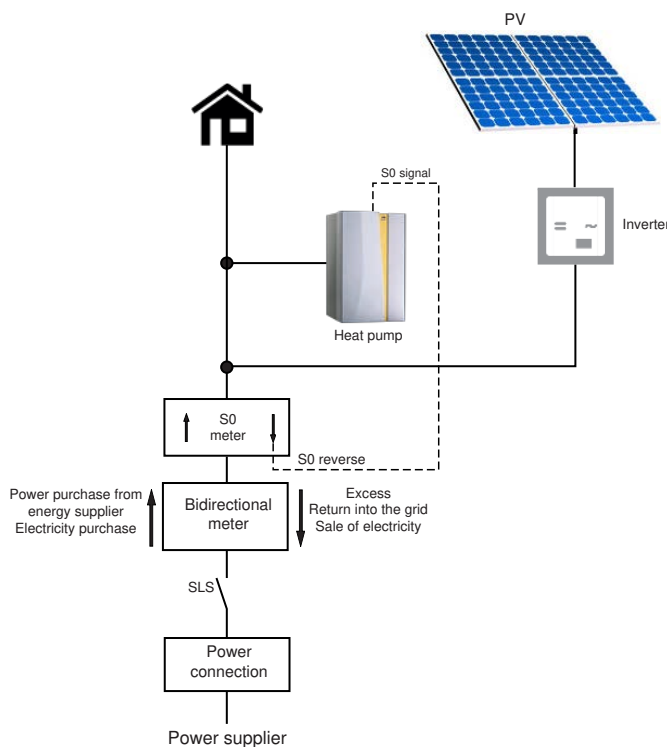
An inverter or energy consumption controller communicates with the NAVIGATOR control unit 2.0 via an S0 signal. The S0 signal (meter pulses are potential-free) is connected to the analog/pulse input of the heat pump (terminal 92/95).

- » The heat pump uses the actual PV power or the surplus power from the energy consumption controller.
- » A modulating heat pump can be operated with the instantaneous output of the PV system or the surplus electricity.



2.2.3.1. S0 signal from energy management systems (S0 meters)

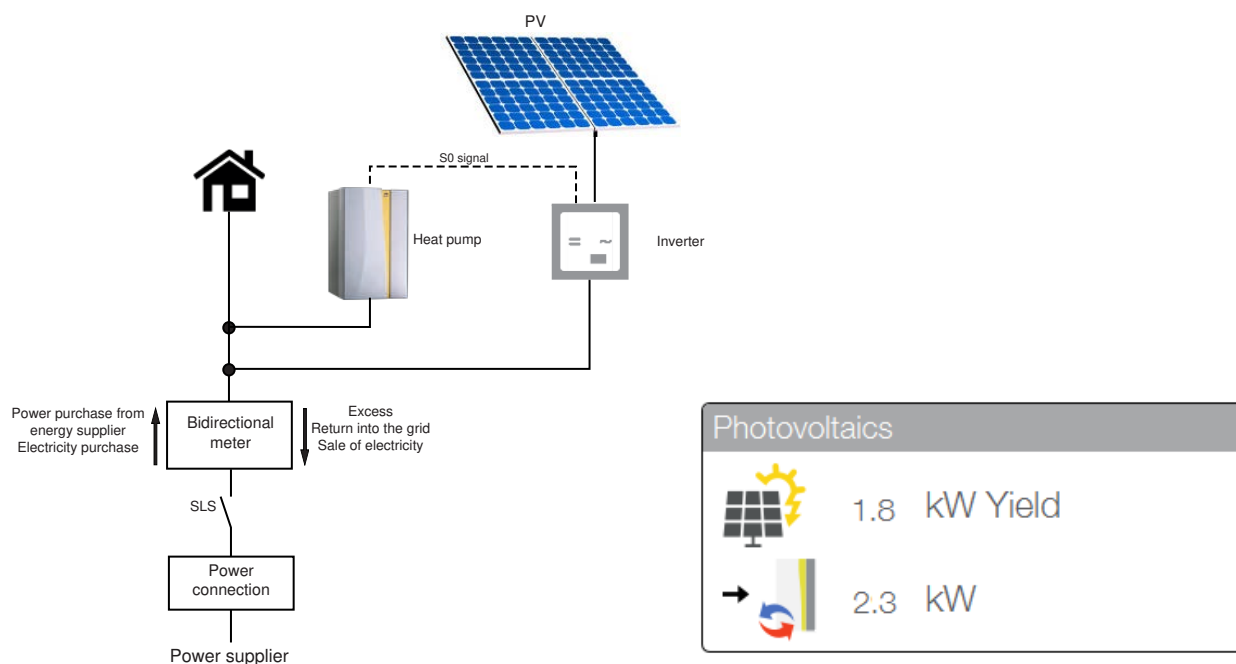
Energy management systems (EMS) can communicate with the heat pump via an S0 signal. The heat pump is then operated with the surplus electricity.



Integration S0 signal / Excess

2.2.3.2. S0 signal from inverters

Inverters (e.g. Kostal Piko) can communicate with the heat pump via an S0 signal. The heat pump is operated with the **actual PV yield**. Other consumers are not taken into account.



Integration S0 signal / Yield