



5.2 Expansion modules

There are 3 different expansion modules available for the SPI 170:

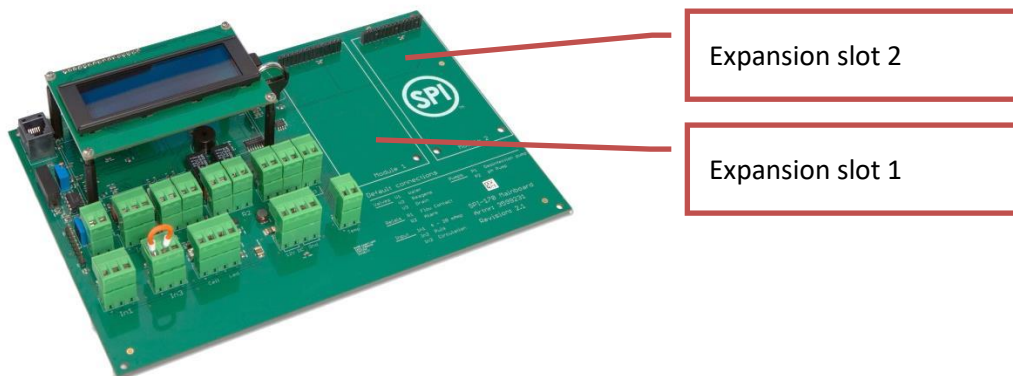
Analog module (for GBS, salt electrolysis or other application)

Modbus communication module (for communication with MODbus Master devices, such as GBS, PLC or other systems and SPI remote via internet)

The SPI has 2 expansion slots and so has space for 2 expansion modules. It is not possible to place two equal modules. However, it is possible to use both an analog and a communication module.

Procedure for placing the modules is:

- Switch off the power supply;
- Carefully press the module into the black connector, ensuring that all the pins of the module are inserted the connector of the mainboard fall;
- Place the white spacers in the expansion module and the corresponding holes from the mainboard;
- Connect the necessary wiring;
- Switch on the power supply.



5.5.1. Analoge module

The analog module contains 4 analog outputs 0 / 4-20mA or 0-10V.

2 Analog outputs for measured values (pH and chlorine)

2 Analog outputs for control signal dosing pump (pH correction and chlorine)

When connecting the analog outputs, pay attention to the maximum load of the signals:

Maximum load mA range (250 Ohm);

Maximum load 0-10V 10kohm;

Selection of the output signal is by dip switches.

The analog module is placed in expansion slot 2 of the SPI 170. The module is automatically recognized. Setting and configuration can be done in the [Configuration] menu [mA Card]

See chapter 16 Configuration.

