

# Overview

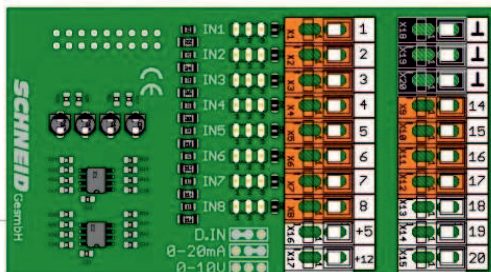
## Signal Connections

- 1 input 1 (Digital, 0-10V or 0-20mA depending on the Jumper) ext. Setpoint HK1
- 2 input 2 (Digital, 0-10V or 0-20mA depending on the Jumper) ext. Setpoint HK2
- 3 input 3 (Digital, 0-10V or 0-20mA depending on the Jumper) ext. Setpoint HK3
- 4 input 4 (Digital, 0-10V or 0-20mA depending on the Jumper)
- 5 input 5 (Digital, 0-10V or 0-20mA depending on the Jumper)
- 6 input 6 (Digital, 0-10V or 0-20mA depending on the Jumper)
- 7 input 7 (Digital, 0-10V or 0-20mA depending on the Jumper)
- 8 input 8 (Digital, 0-10V or 0-20mA depending on the Jumper)
- +5 output terminal 5 VDC
- +12 output terminal
- GND Signalground
- 14 Aout1 (Analog output 0-10V) District Heating valve
- 15 Aout2 (Analog output 0-10V) valve HK1, Solar or FPD to Base C
- 16 Aout3 (Analog output 0-10V) valve HK2, Solar or FPD to Base D
- 17 Aout4 (Analog output 0-10V) valve HK3
- 18 D-Out LWG (Switching output 12V)
- 19 D-Out RESET (Switching output 12V)
- 20 D-Out RES (Switching output 12V)

### AIN - Modul

- 1: IN 1
- 2: IN 2
- 3: IN 3
- 4: IN 4
- 5: IN 5
- 6: IN 6
- 7: IN 7
- 8: IN 8

VCC +5V: Versorgung 5V  
 VCC +12V: Versorgung 12V



- GND Signalground
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- 14: AOUT 1 (0-10V)
- 15: AOUT 2 (0-10V)
- 16: AOUT 3 (0-10V)
- 17: AOUT 4 (0-10V)

- 18: DOUT 1 Leckwarngerät
- 19: DOUT 2 RESET
- 20: DOUT 3 Reserve

**Each of the 8 inputs can be configured to the following type**

\* digital input  
(Jumper on 1-2)

\* analog input 0 (4)-20mA  
(Jumper on 2-3) ( $R_i=500\Omega$ )

\* analog input 0-10V  
(all links open) ( $R_i \Rightarrow 250k\Omega$ )

