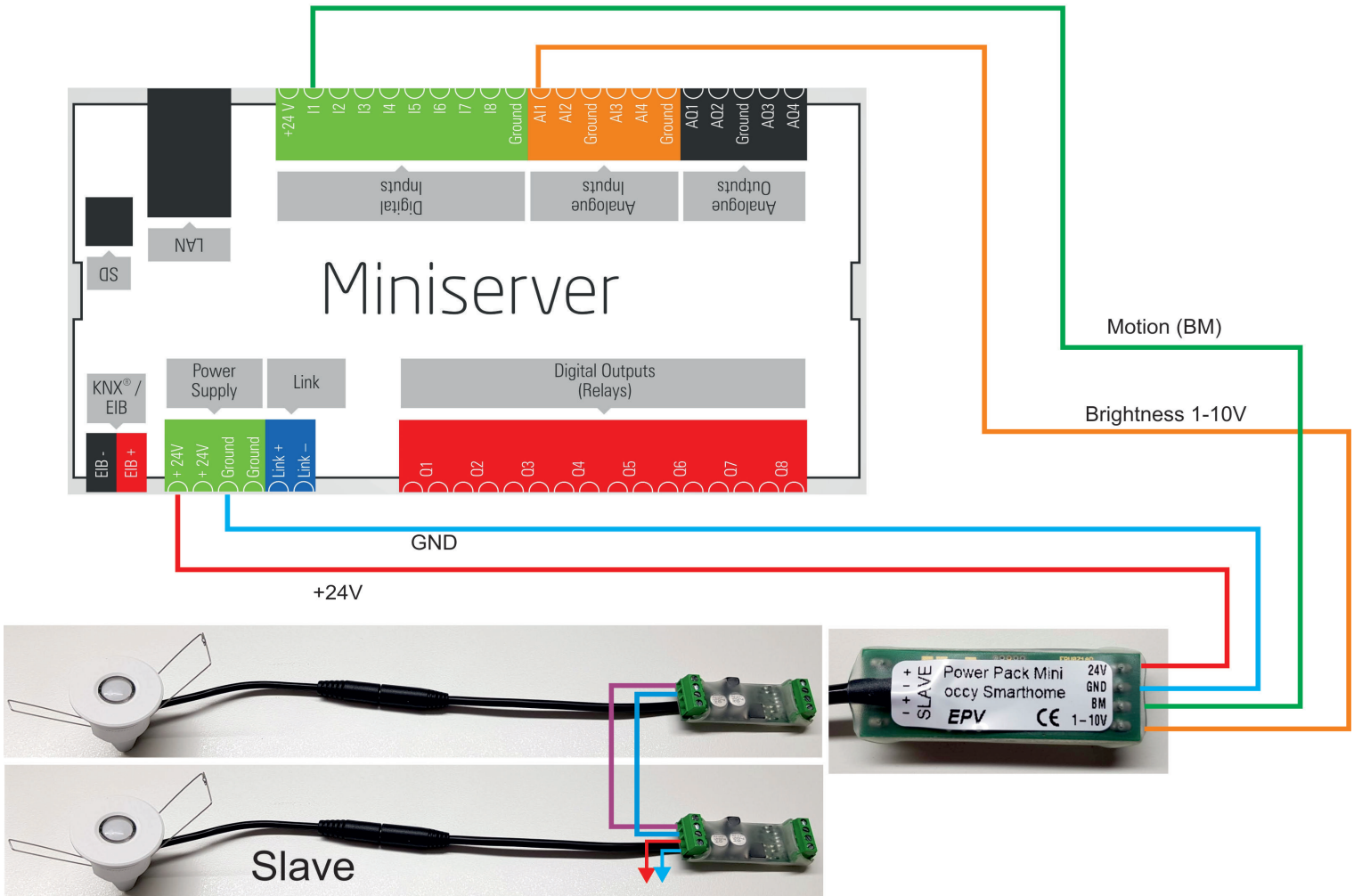


■ Wiring diagram

Loxone Miniserver



■ Connect the motion signal to the digital input

Connect the motion signal of the sensor (BM) with one of the digital inputs I1 bis I8.
The output of the occupancy sensor is designed as a push-pull.

■ Connect brightness value to the analog input

Connect the light value signal of the sensor (1-10V) to one of the analog inputs AI1 bis AI4.
The occupancy sensor displays the light value as a 1-10V analog value. With more light in the room, the voltage increase (0V = 0 Lux , 10V = approx. 1000 Lux).

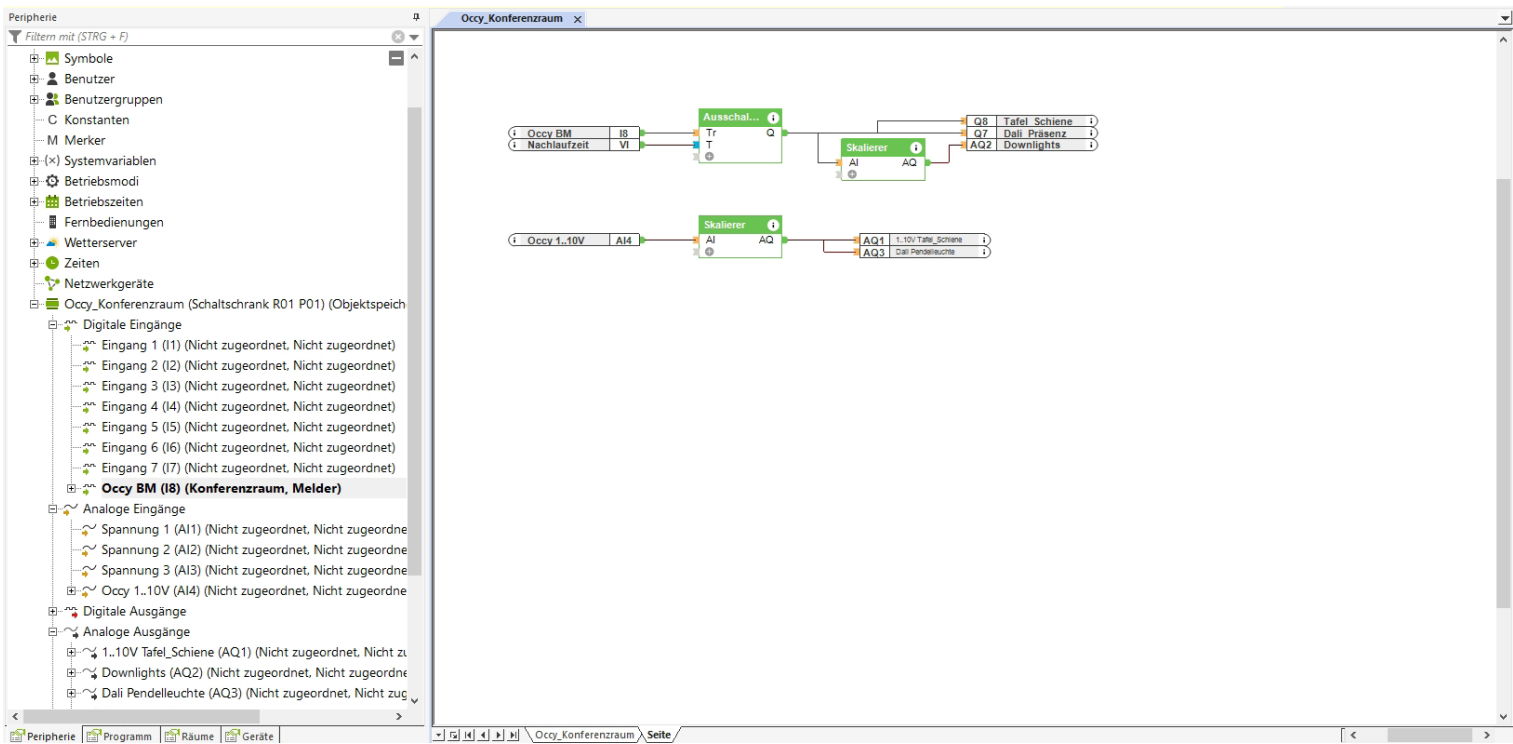
■ Terminal pin assignment of the occupancy sensor

terminal pin assignment of the presence detector	description	value
24V	supply voltage	15 – 28 V DC
GND	ground / GND	0V
BM	motion	detected movement = approx. supply voltage no movement = 0V max. 10 mA active/passive
1-10V	brightness	1-10V (0V = ca. 0 Lux, 10V = ca. 1000 Lux), (max. 10 mA)

■ Connections Loxone Miniserver

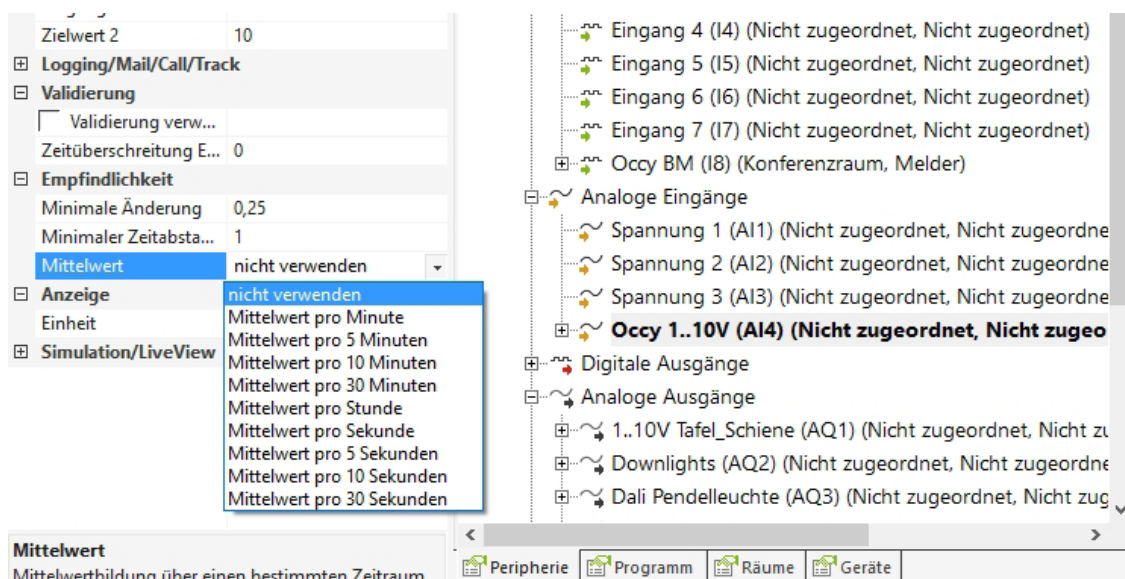
I1 – I8	digital inputs	internal input resistance: 10kOhm Max. 100 mA • 0-7.2 V corresponds logically „0“ • 7.0-8.2 V = Switching threshold or not defined • 8-24 V corresponds logically „1“
AI1 – AI4	analoge inputs	0-10V DC, resolution 10 Bit, internal input resistance: 10kOhm Also usable as digital input (24VDC) • < 1V corresponds logically „0“ • 1 - 24V corresponds logically „1“
Q1 – Q8	digital outputs (Relais)	250 V AC 5A at cos phi =1, 30 V DC 5A (With higher loads an auxiliary relay must be used)
AQ1 – AQ4	analoge outputs	0-10V DC, resolution 12 Bit, max. 20mA output load

■ To Configure the motion signal and the light signal in the Loxone software



Important when trying fast:

Do not set the analog values to 1 minute, otherwise the changes are difficult to understand



■ Example: Presence message with light threshold

