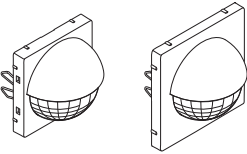
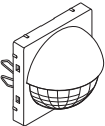


## ARGUS Presence 180/2.2 m flush-mounted sensor module

Operating instructions

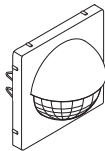


### System M



**ARGUS Presence 180 / 2.20 m flush-mounted sensor module**  
Art. no. MEG5530-03../04..

### System Design



**ARGUS Presence 180 / 2.20 m flush-mounted sensor module**  
Art. no. MEG5530-40../41..

### Necessary accessories

- Complete the ARGUS Presence 180/2.20 m flush-mounted sensor module with:
- Corresponding inserts (see function overview)
- Frame in design System M or System Design.

### For your safety

**DANGER**  
**Risk of death from electric shock.**  
All work on the device should only be carried out by trained and skilled electricians. Observe the country-specific regulations.

### Getting to know the sensor module

The ARGUS 180/2.2 m flush-mounted sensor module (referred to below as **sensor module**) is a movement detector for indoor installation. The sensor module detects moving heat sources (e.g. people) within an adjustable area of detection and starts a staircase lighting function.

The maximum range is approx. 8 m to the left/right and approx. 12 m to the front at a 180° angle of detection. As long as a movement is detected, the connected load remains switched on. The adjustable overshoot time only begins when no further movements are detected (trigger function).

The sensor module is equipped with a light sensor with an adjustable brightness threshold so that the lighting is only switched on when below a specified brightness threshold (movement detector function).

If there is sufficient natural light, the presence function allows the sensor module to switch off the lighting even when a person is present.

The specified range and brightness threshold refer to average conditions at the recommended mounting height of approx. 2.20 m and should therefore be taken as guide values. The range can vary greatly when the temperature fluctuates.

### Function overview of the sensor module on receiving inserts

Complete the sensor module with the receiving inserts for switching or dimming in order to perform **local** light control and other functions.

Switching/dimming	
<ul style="list-style-type: none"> <li>• Electronic switch insert</li> <li>• Relay switch insert</li> <li>• Universal dimmer insert</li> <li>• 1-10 V insert</li> <li>• DALI insert</li> </ul>	<b>Sensor module:</b> brightness-dependent staircase lighting function
<ul style="list-style-type: none"> <li>• Electronic switch insert, 2-gang</li> <li>• Relay switch insert, 2-gang</li> <li>• Universal dimmer insert, 2-gang</li> </ul>	<b>Sensor module:</b> channel 1: brightness-dependent staircase lighting function, channel 2: brightness-independent staircase lighting function

### Function overview of the sensor module on sending insert

Complete the sensor module with the sending central unit insert in order to perform **global** light control via the **PlusLink (PL)** .

Global light control:	
<ul style="list-style-type: none"> <li>• Central unit insert</li> </ul>	<b>Sensor module:</b> brightness-independent staircase lighting function

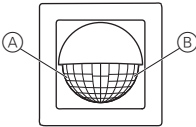
### Using the sensor module with alarm systems

- Movement/presence detectors are not suitable for use as components of an alarm system.
- Movement/presence detectors can trigger false alarms if the installation site has been chosen unfavourably.

Movement/presence detectors switch on as soon as they detect a moving heat source. This can be a person, but also animals or differences in temperature in windows. In order to avoid false alarms, the chosen installation site should be such that undesired heat sources cannot be detected (see section „Selecting the installation site“).

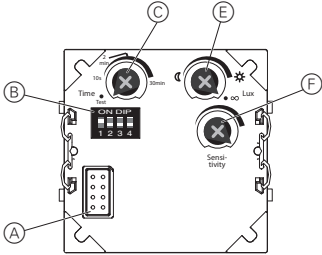
### Connections, displays and operating elements

**Front:**



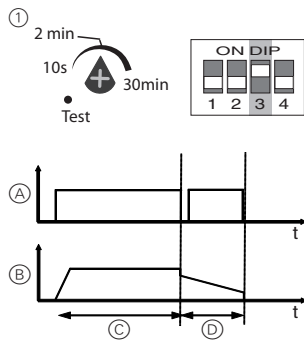
- (A) Green LED (for 24-h staircase lighting circuit)
- (B) Red LED (in test mode)

**Rear:**



- (A) Module interface
- (B) DIP switches
  - 1: Presence function / movement detector function
  - 2: Double overshoot time for channel 2
  - 3: Prewarning for channel 1
  - 4: 24-h staircase lighting circuit
- (C) Potentiometer for overshoot time
- (D) Potentiometer for brightness threshold
- (E) Potentiometer for sensitivity

## Staircase lighting function with prewarning



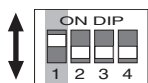
- (A) Switching with prewarning
- (B) Dimming with prewarning
- (C) Overshoot time
- (D) Prewarning time (30 s, not adjustable)

**i** In the case of a 2-gang insert, the overshoot time for both channels is set using the potentiometer. In order to double the overshoot time for channel 2, slide DIP switch 2 to "ON".  
The prewarning only applies to channel 1.

## Activating/deactivating the presence function

In the case of brightness-dependent movement detection, the sensor module constantly monitors the brightness in the room and compares it to the set brightness threshold. If sufficient natural light is available, the sensor module will switch the lighting off even if a person is present.

The sensor module's presence function is activated as a factory default. You can deactivate the function ("OFF") and reactivate it ("ON") using DIP switch 1.



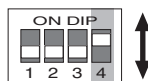
When the presence function has been deactivated, the sensor module continues to carry out the movement detector function.

## Setting the 24-h staircase lighting circuit

DIP switch 4 can be used to set a 24-hour staircase lighting circuit which you can retrieve from another location via PlusLink.

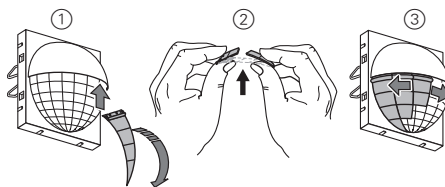
The following options are available for this:

- DIP 4 "ON": **only** switch on the staircase lighting for 24 h via PL
- DIP 4 "OFF": switch the staircase lighting on/off for 24 h via PL



## Blocking out areas

If sources of interference (such as light sources) inadvertently switch on the connected luminaires, you can block these areas out. Adjust the sensor module's area of detection by applying, moving or shortening the masking segments supplied:



- ① Place the masking segments on the centre of the lens and latch it into place at the top between the hood and the lens.
- ② If necessary: shorten the masking segments at the positions marked so only the close range of the lens is used.
- ③ Move the masking segments precisely onto the area that you wish to block from detection.

**i** The use of masking segments affects the sensor module's brightness threshold. Readjust the brightness threshold.

## Controlling the sensor module from another location

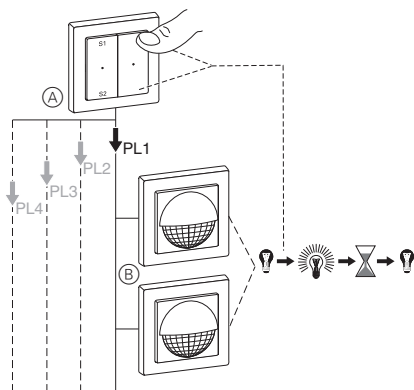
### Controlling loads from another location via PlusLink with:

- Push-button module on central unit insert
- Sensor module on central unit insert
- Side controller Plus, 1-gang/2-gang
- Mechanical push-button

### Example of global control with push-button module on central unit insert

#### Starting the staircase lighting function

When the push-button module on the central unit insert (A) is actuated, all local sensor modules (B) in the PL lines start the set staircase lighting function independently of brightness.



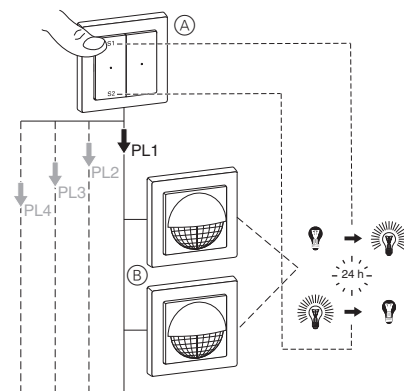
- (A) Push-button module on central unit insert (alternatively: side controller Plus for one PL line)
- (B) Sensor module in PL line

## 24-h staircase lighting circuit

- Upper left push-button: switch on the staircase lighting for 24 h. Green LED lights up.
- Lower left push-button: switch off the staircase lighting for 24 h (prerequisite: DIP 4 on "OFF"). Green LED lights up.

**i** If DIP 4 is switched to "ON", the lighting cannot be switched off for 24 h.

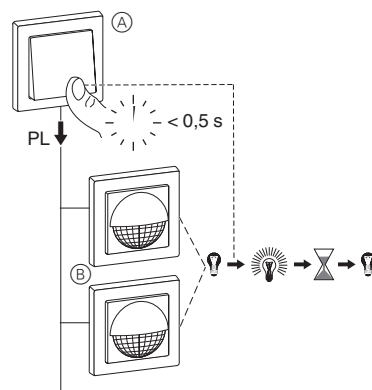
- Upper/lower right push-button: deactivate the 24-h staircase lighting circuit.



- (A) Push-button module on central unit insert (alternatively: side controller Plus for one PL line)
- (B) Sensor module in PL line

### Example of global control with mechanical push-button

When the mechanical push-button (A) is actuated, all local sensor modules (B) in the PL lines start the set staircase lighting function independently of brightness.



- (A) Mechanical push-button
- (B) Sensor module in PL line