

# SEN01M

The SEN01M module is a stand-alone, bus-powered and – controlled module available with motion detector and light sensor (SEN01M).

The SEN01M modules can be build in by the installer in staircases, closet doors, hollow walls etc. Qbus also offers Niko central plates with specifically drilled holes for the motion / temperature sensors on the SEN01. And finally the SEN01M is also available in Lithoss-finishing ([www.lithoss.com](http://www.lithoss.com)).

## 1. Stand-alone motion sensor SEN01M



Figure 1: SEN01MW (White sensor)



Figure 2: SEN01MB (Black sensor)



Figure 2: drilled Niko 101/122 central plate for SEN01M (CPLSEN01M)

For the installer or end user who is looking for a completely assembled solution, we offer the SEN01M in metal housing for flush mounting in hollow or solid walls.



Figure 4: SEN01MW in white round metal housing for flush mounting (SEN01MW/RMW)



Figure 5: SEN01MB in black round metal housing for flush mounting (SEN01MB/RMB)

This module contains a motion detector and a light cell. The motion detector has a diameter of only 9mm. The range is of approximately 7m at an angle of 110 degrees.

Via the Qbus Configuration Software (System Manager) it can be indicated that a certain output is only activated when a certain light level or movement level or combination of both is registered.

# SEN01M

The SEN01M is available with a white motion detector (SEN01MW) and with a black motion detector (SEN01MB).

## 2. Safety Instructions

Read the complete manual before carrying out the installation and activating the system.



### WARNING

- The device must be mounted and commissioned by an authorised electrician in accordance with the country-specific regulations.
- The device may be used for permanent interior installations in dry locations within box mounts.
- The device must not be opened.

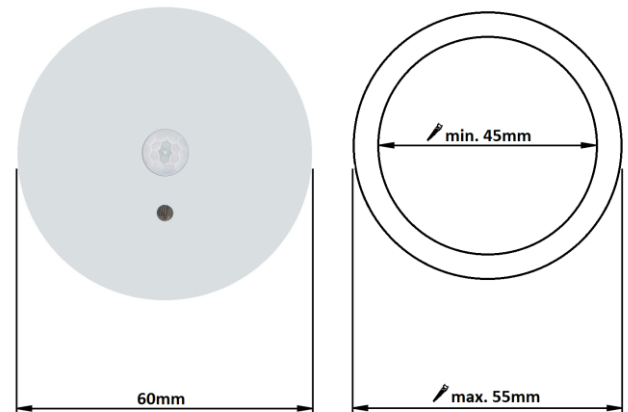
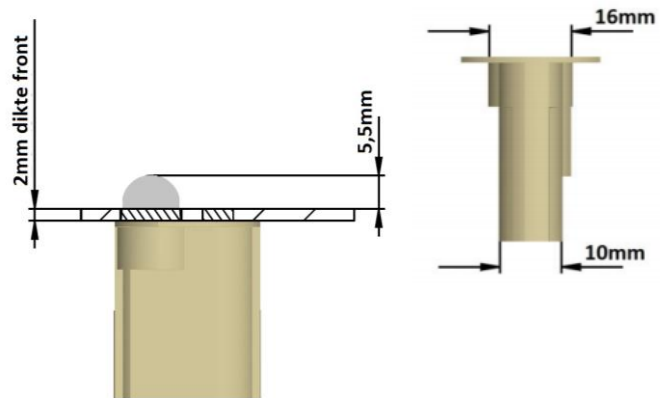
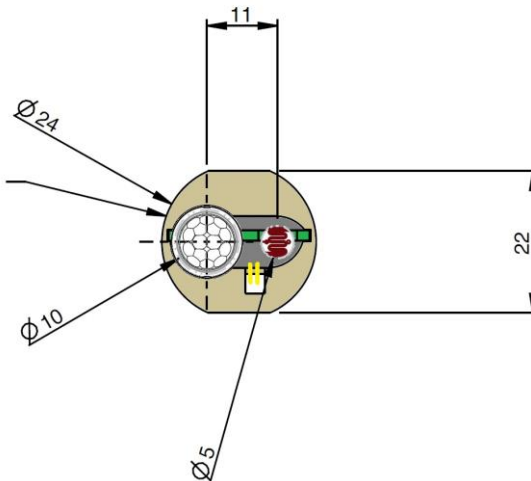
## 3. Mounting and wiring

Connect the bus cable on the back of the SEN01 module.

**IMPORTANT :**

**THE BUS MUST NEVER COME INTO CONTACT WITH THE EARTHING OR A LIVE WIRE!**

## 4. Dimensioning



## 5. Technical data

### GENERAL SPECIFICATIONS :

- Power supply : bus connection
- Ambient temperature :  
Working temp. range : 10°C to 60°C  
Storage temp. range : -10°C to 85°C
- Maximum humidity : 93%, no moisture condensation
- Bus load : 8mA at nominal 13,8V
- Maximum installation altitude : 2.000m

### PHYSICAL SPECIFICATIONS

- Housing : Plastic with resin filling
- Protection Degree : IP20, EN 60529
- Installation: on the bus
- Dimensions (HxW) : 30mm x 23mm
- Weight : approx. 10 gr.

### ELECTRICAL SAFETY

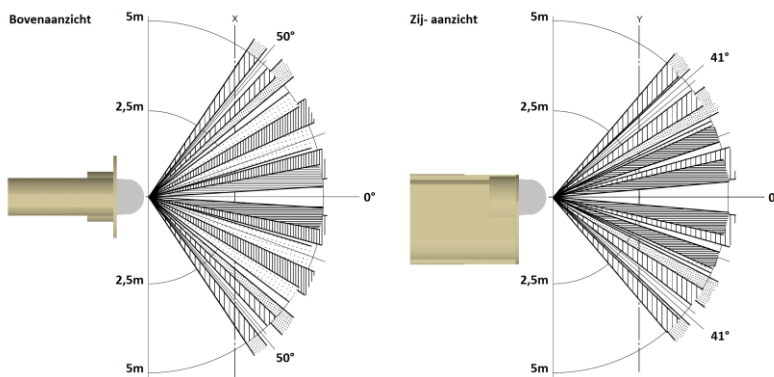
- Bus : 13,8VDC safety extra low voltage (according EN 60950 – 1:2006).

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## CE

- Complies with the EMC regulations and low voltage regulations. The device complies with HBES – EN 50090-2-2 and EN 60950 – 1:2006.

## DETECTION ZONE



## 6. Guarantee provisions

Period of guarantee : 2 years from date of delivery.

Any faulty devices should be send postage-free with a description of the defect to our central customer service office :

**QBUS N.V.**  
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9420 Erpe-Mere  
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Email : support@qbus.be