

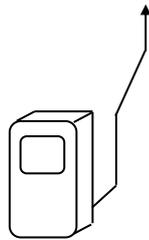
Motion sensor

DK 7320.570

Note:

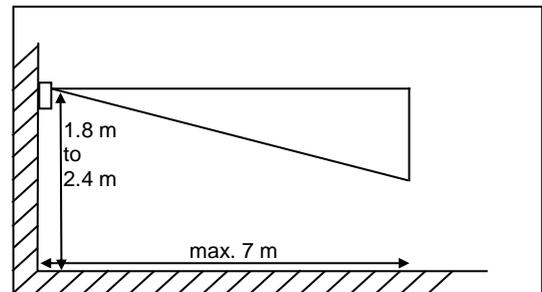
For reasons of clarity, these operating instructions do not contain all information details, nor can they take into account every conceivable case of installation, operation or repair. Technical modifications reserved. In case of doubt, the German text prevails.

CMC III CAN bus sensor 7030.100



Detection:
 - 45° left
 - 45° right
 - 30° down

Mounting height:
 1.8 m to 2.4 m



Description:

The motion sensor can be connected to the CMC III CAN bus sensor 7030.100. The sensor serves as a passive infrared motion detector. Animals up to 18 kg body weight do not trip the alarm. The detector needs about 2 min. to be ready for operation. The sensor is assigned a code by which it is automatically identified and set by the CMC III system. The sensor can be used if the following components are available:

- CMC III Processing Unit (7030.000) or CMC III Processing Unit Compact (7030.010) with power pack (e.g. 7030.060), country-specific connection cable, programming cable.
- CMC III CAN bus sensor (7030.100), CAN bus connection cable (e.g. 7030.090).

General conditions of use:

- The sensor must only be used together with the Rittal CMC III system.
- The operating instructions / safety instructions of the CMC III Processing Unit and of the above sensor apply.
- The maximum cable length between the CAN bus sensor and the motion sensor is 2 m. The connection must be made with the connection cable supplied. Extension cables 7200.450 for special applications are available after consultation with our central office.
- It is imperative that these cables are installed separately from mains power cables.
- The sensors may only be used in areas where the specified ambient conditions apply.
- The sensor housing must not be opened. The unit does not contain any parts that need servicing.
- Before connection, ensure that the sensor is suitable for the device/slot.
- Safety devices must not be deactivated.
- The sensor must not come into contact with water (e.g. dew), oil sludge or any aggressive substances.
- The unit must not be operated in environments with flammable gases or vapours. Protection from water, dust, etc. must be ensured by installation in a cabinet or rack.
- The CMC III system must not be live with voltage when the sensor is being connected to the CAN bus sensor.
- The sensor must be installed properly as described in the separate installation instructions.

Technical data:

Detector type: Infrared (IR) detector
 Connection: RJ12 socket 6-pole
 Connection cable: length 2 m
 Temperature range: +5°C to +45°C
 Protection category: IP 40
 Time to ready: approx. 2 min.

Current consumption: max. 30 mA
 Dimensions (detector with base/plinth): D=100 mm, H=50 mm
 Alarm time: 2-3 sec.
 integrated LED Off: no motion detected
 integrated LED Red: motion detected

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