

## MD-01, MD-01F

Motion Sensor Module

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### Features

- Motion detector
- Passive Infrared type
- Extremely compact
- Linnet Interface

### Applications

- Lightning control
- Door control
- Energy saving systems
- Theft alert
- Automatic guidance
- Climate control

### Description

MD-01 is motion sensor which detects changes in infrared radiation. These changes occur when there is movement by person or object which is different in temperature from the surroundings. Even slight motions made by people will be detected easily.

### Instructions

CAT6 type Linnet cable shall be connected to the network connector. After system is powered up the module can be configured as I/O group type or delay group type.

When configured to I/O-group the output of the module stays active until there is no movement detected. Output stays active approx. 5sec. After the last detected movement. This allows the detection of fast movements.

The active state of the module can be lengthen to pre programmed value when module is configured to delay group. This is useful when controlling stairway lights.

### *Technical specifications*

Parameter	Value	
Detection sensitivity	30cm from 2m distance	
Rated detection distance	5m max	
Detection range	100 degrees horizontal 82 degrees vertical	
Usable ambient temperature	-20 ... +60	Celsius
MD-01 Dimensions	40.5 x 45.8	mm
MD-01F Dimensions	50 x 66.5 x 20	mm

### *Ordering*

MD-01F	Motion detector module
MD-01	Motion detector, wall mount module