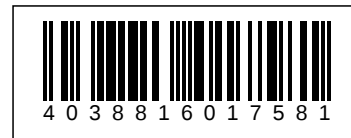


ALLNET MSR Sensor ALL4452 / PIR motion detector in housing / Motion = 1 / Idle = 0

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Highlights:

- New slimline desktop/wall-mounted aluminium case
- I2C bus for multiplexing applications
- Angle brackets for wall mounting

Measure, control and regulate automatically and independently

For years, ALLNET has been pursuing the concept of intelligent control of building services via networks and the internet. Intelligent building services not only offer greater comfort but also actively promote energy cost savings.

Centrally controlled and accessible via the network or the internet, ALLNET home automation products enable intelligent building technology regardless of time or location.

The ALL4452 PIR motion detector has a maximum detection angle of 92° and a maximum range of 8 metres.

PIR motion detector in a desktop/wall-mounted housing

- Max. angle of 92°, max. range of 8 metres.
- Aluminium housing with bracket for wall mounting
- Multiple multiplexing = several multiplexing modules on a single line
- Connection: 2x RJ45

Behaviour on ALLNET MSR: Following successful detection, 1 contact input is recognised. Each movement is recognised as 1. No movement/rest

= 0.

Technical details:

Component	Specification
Sensor type	PIR motion detector
Detection range:	Max. angle of 92°, max. range of 8 metres.
Chip	PCF8574
Connections:	2x RJ45 (I2C bus)
Multiplexing:	Adjustment dial for ID (8) – see note below
LED indicators:	1x PWR, 1x BUS, 1x Detect
Housing:	Metal housing
Environment:	Operating temperature: -45 to 90 °C Operating humidity: 0% to 100% (non-condensing) Storage temperature: -20 to 60 °C Storage humidity: 5% ~ 90% (non-condensing)
Markings:	CE, RoHS
Dimensions:	79 x 50 x 24 mm (length x width x height)
Weight:	230 grams (excluding packaging and accessories)
Package contents:	1x ALL4452 PIR motion detector 1x connection cable

Multiplexing – Note on operating multiple sensors on a single sensor port

In general, unlike the ALL3000/4000, ARM- and MIPS-based systems allow more than one sensor to be operated on a single physical port.

The hardware requirement is that the sensors have 2 RJ45 connectors, so that the sensor signal can be passed on to the next sensor. The total cable length of 100 m is not increased.

To ensure that the sensors can be uniquely identified by the devices, it is necessary for them to have, via the software, different I2C chip addresses and IDs. Sensors with the same chip address and an adjustable ID can be combined. For sensors without an adjustable address, only one sensor type per port can be connected.

Attributes



Part No.: 98840
Vendor Part No.: ALL4452

Attribute	Value
Bauform:	Metallgehäuse
Einsatzorte MSR:	indoor
Kompatibilität Zentrale:	ALL3419;ALL3500;ALL3500PoE;PoE Signallampe;ALL 3696;ALL3420;ALL5000;ALL4500;ALL5000v2;ALL3418;ALL5100;ALL4176;ALL3692;
Sensorart:	Bewegung;
Weight:	0,5 Kg
Warranty:	24.00 Months

Accessories

Part No.	Name
134571	ALLNET ALL3419 / IP Building-Autom. 3x I2C, 1x USB, LAN/WLAN
98686	ALLNET MSR control center "ALL3500v2" incl. 4 sensor ports & WLAN for IP building automation
101636	ALLNET ALL3500PoE / IP Homeautomation Appliance
104126	ALLNET ALL3505 / IP Homeautomation Appliance DIN-Rail 8x I2C
104126	ALLNET ALL3505 / IP Homeautomation Appliance DIN-Rail 8x I2C
206211	ALLNET MSR Central "ALL5000v2" incl. 16 Sensor Ports & 19" for IP Building Automation