ALLNET ALL4454

Smoke detector / Gas sensor for ALL3418v2/3500/3692/4500/5000

- new compact aluminum desktop- / wallmounting case
- I2C Bus for multiplexing use
- either black or white available
- angle fixings for wall mounting

Measure, control and regulate automatically and independently

ALLNET for years been pursuing the concept of intelligent control of processes in building over network and Internet. Intelligent building not only offers comfort, but actively promotes the reduction of energy costs.

Centrally managed and via network / internet accessible the ALLNET Home Automation products allow intelligent building automation regardless of time and location.

The ALL4454 smoke detector/ sensor can also be used for detection of gases.

Art.-Nr. 102435(sw) / 96689(w)

Note: Product specification is subject to change without notice.

Smoke detector/ Gas sensor in desktop-/ wallmounting case

- reports smoke and gas
- Aluminum housing with bracket for wall mounting
- Multiple multiplexing = multiple modules on one line
- Interfaces: 2x RJ45

Item	Specification
Sensor type	Smoke-/ Gas detector
measuring range:	**0 to 100**
Chip	ADS1100A3
Interfaces:	2x RJ45 (I2C Bus)
Multiplexing:	pay attention about the same types of sensors on the port! - see note below
LED Indicators:	1x PWR, 1x BUS
Housing:	metal case
Environment:	Temperature operating: -45 ~ 90 °C Humidity operating: 0% ~ 100% (non condensed) Temperature storage: -20 ~ 60 °C Humidity storage: 5% ~ 90% (non condensed)
Certificates:	CE, RoHS
Dimension:	79 x 50 x 24 mm (Length x Width x Height)
Weight:	230 Grams (only device)
Warranty:	36 months
package content:	1x ALL4454 smoke detector / Gas sensor 1x connection cable

Multiplexing - Note to the operation of several sensors on one sensor port

Basically, it is for the ARM and MIPS-based systems possible, unlike to teh ALL3000/4000 to operate more than one sensor on a physical port.

Standard hardware requirement is that the sensors are equipped with 2 RJ45 connectors so that the sensor signal can be continued to the next sensor. The total cable length of 100 m does not increase thereby.

So that the sensors can be uniquely identified by the devices, it is necessary that these sensors have different software-I2C chip addresses and IDs. Sensors with the same address and adjustable chip ID can be combined. For sensors without adjustable ID address only one type of sensor can be connected per port.