



ALLNET **ALL4506**

Temperature sensor for ALL3000/3418v2/350x/400x/4500/5000

- *Aluminium housing with tab for wallmounting*
- *multiplexing - several modules possible on a line*
- *1x RJ45 Input and 1x RJ45 Output*

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 ALL4406 Temperature sensor has a measuring range of -40 to +85 ° C

Art.-Nr. 88283



Temperature sensor in desktop-/wallmounting

- Measuring range -40 to +85 ° C, resolution 0.06 ° C
- Aluminum housing with tab for wall mounting
- Multiple Multiplexing = several multiplexing modules on a line
- Interface: 1x RJ45 Input / 1x RJ45 Output

Item	Specification
Sensor type	Temperature
Measuring range:	-40 to +85 °C, resolution 0,06 °C
Chip	LM92 [0...3]
Interfaces:	2x RJ45 (I2C Bus) Input and Output
Multiplexing:	dial wheel for ID, see note below
Housing:	Metal case
Environment:	Temperature operating: -45 ~ 90 °C Humidity operating: 10% ~ 85% (non condensed) Temperature storage: -20 ~ 60 °C Humidity storage: 5% ~ 90% (non condensed)
Certificates:	CE, RoHS
Dimension:	67 x 50 x 36 mm (Length x Width x Height)
Weight:	86 grams (only device)
Package content:	1x ALL4506 Temperature 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 the 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.