

ALLNET ALL4429 / temperature/humidity/pressure Sensor in met

>>> [Go to the shop article](#)



EAN CODE



Highlights:

- new compact aluminum desktop- / wallmounting case
- I2C Bus for multiplexing use
- 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 ALL4429 Combination sensor has a measuring range of 0 to 1023 mbar, -40 to +80 °C and 0...100 % RH

Combination Sensor of air pressure/humidity/temperature in desktop-/ wallmounting case

- measuring range of 0 to 1023 mbar / -40 to +80 °C (resolution 0,01 °C) / 0...100 % RH (resolution 0,5%)
- Aluminum housing with bracket for wall mounting
- Multiple multiplexing = multiple modules on one line
- Interfaces: 2x RJ45
- **not compactible with ALL3000/ALL5000**

Technical Details:

Item	Specification
Sensor type	air pressure, humidity, temperature
air pressure measuring range:	0 to 1023 mbar
Temperature measuring range:	-40 to +80 °C (resolution 0,01 °C)
Humidity measuring range:	0...100 % RH (resolution 0,5%)
Chip	BMP085 + SHT71
Interfaces:	2x RJ45 (I2C Bus)
Multiplexing:	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)
package content:	1x ALL4429 Combination 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.

Attributes



Part No.: 98828
Vendor Part No.: ALL4429

Attribute	Value
Bauform:	Metallgehäuse
Einsatzorte:	indoor
Kompatibilität Zentrale:	ALL3419;ALL3500;ALL3500PoE;PoE Signallampe;ALL3696;ALL3420;ALL5000;ALL4500;ALL5000v2;ALL3418;ALL5100;ALL4176;ALL3692;
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 ALL3500 / IP Homeautomation Appliance, 4x Sensor-Port
104126	ALLNET ALL3505 / IP Homeautomation Appliance DIN-Rail 8x I2C
206211	ALLNET MSR Central "ALL5000v2" incl. 16 Sensor Ports & 19" for IP Building Automation