

ALLNET ALL4420 / Combi sensor humidity/temp. in housing



EAN CODE



Highlights:

- new flat desktop / wall mount case made of aluminium
- I2C bus for multiplexing use
- measuring range -40...+125 °C, 0...100 %RH
- resolution temperature 0,01 °C, resolution humidity: 0.01 %
- Measuring accuracy Temp in whole range approx. +/- 0.6° (Typical: -20 + 90° = +/- = 0.2°)
- Measuring accuracy humidity in the whole range approx. +/- 3% (Typical: 0~80% +/- 1,5%)
- ONLY COMPATIBLE WITH ALL34xx/350x/4500/5000
- Angle brackets for wall mounting

Measure, control and regulate automatically and independently

ALLNET has been pursuing the concept of intelligent control of building technology processes via network and Internet for years. Intelligent building technology not only offers more comfort, but also actively promotes the saving of energy costs.

Centrally controlled and accessible via network / Internet, ALLNET building automation products enable intelligent building technology independent of time and location.

Technical Details:

Humidity Sensor Specification

Parameter	Condition	Value	Units
Sensor Humidity Accuracy	Typ.	±1.5	%RH



Part No.: 157801
Vendor Part No.: ALL4420

tolerance ¹	Max.		-
Repeatability ²	Low, typ.	0.21	%RH
	Medium, typ.	0.15	%RH
	High, typ.	0.08	%RH
Resolution	Typ.	0.01	%RH
Hysteresis	at 25°C	±0.8	%RH
Specified range ³	extended ⁴	0 to 100	%RH
Response time ⁵	t _{63%}	86	s
Long-term drift	Typ. ⁷	<0.25	%RH/yr

Temperature Sensor Specification

Parameter	Condition	Value	Units
ALL3020 Accuracy	typ., 20°C to 60°C	±0.1	°C
tolerance ¹	Max.		-
Repeatability ²	Low, typ.	0.15	°C
	Medium, typ.	0.08	°C
	High, typ.	0.04	°C
Resolution	Typ.	0.01	°C
Specified Range	-	-40 to 125	°C
Response time ⁸	t _{63%}	>2	s
Long Term Drift	max	<0.03	°C/yr

Accessories

Part No.	Name
134571	ALLNET MSR Zentrale "ALL3419" inkl. 3 Sensor Ports & WLAN & Temperaturfühler "ALL3006" für IP Gebäude Automation
98686	ALLNET MSR Zentrale "ALL3500" inkl. 4 Sensor Ports & WLAN für IP Gebäude Automation
101636	ALLNET MSR Zentrale "ALL3500PoE" inkl. 4 Sensor Ports & PoE & WLAN für IP Gebäude Automation
104126	ALLNET MSR Zentrale "ALL3505" inkl. 8 Sensor Ports & Hutschienen Montage für IP Gebäude Automation
104126	ALLNET MSR Zentrale "ALL3505" inkl. 8 Sensor Ports & Hutschienen Montage für IP Gebäude Automation
81174	ALLNET MSR Zentrale "ALL5000" inkl. 16 Sensor Ports & 19" für IP Gebäude Automation