

ALLNET ALL4420 / Combi sensor humidity/temp. in housing

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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

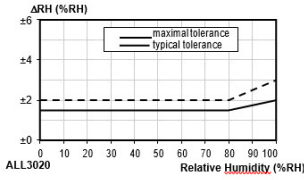
ALLNET has been pursuing the concept of intelligent control of building technology processes via network and Internet for years. Intelligent building technology not only offers more comfort, but also actively promotes the saving of energy costs.

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

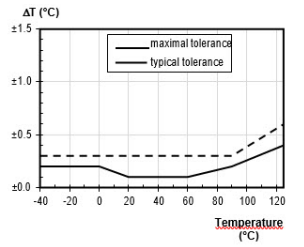
Technical Details:

Humidity Sensor Specification

Parameter	Condition	Value	Units

Sensor Humidity Accuracy tolerance ¹	Typ.	±1.5	%RH
	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 tolerance ¹	typ., 20°C to 60°C	±0.1	°C
	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

Attributes

Attribute	Value
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Part No.: 157801
Vendor Part No.: ALL4420

Bauform:	Metallgehäuse
Einsatzorte MSR:	indoor
Kompatibilität Zentrale:	ALL3419;ALL3500;ALL3500PoE;PoE Signallampe;ALL3696;ALL3420;ALL5000;ALL4500;ALL5000v2;ALL3418;ALL5100;ALL4176;ALL3692;
Weight:	0.164 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
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206211	ALLNET MSR Central "ALL5000v2" incl. 16 Sensor Ports & 19" for IP Building Automation
221638	ALLNET MSR IO Central Switching Power Strip 6-way incl. Meter for Desktop & 19" Mounting "ALL4176v3" for IP Building Automation