

ALLNET ALL3020 / Sensor for humidity and temperature

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EAN CODE

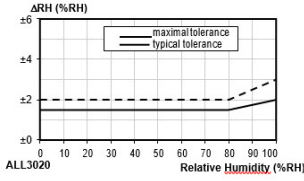


- compatible with ALL34xx/350x/4500/5000
- Measuring range -40...+125 °C, 0...100 %RH
- resolution temperature 0,01 °C, resolution humidity: 0.01 %
- Measuring accuracy Temp in whole range approx. +/- 0,6° (Typical: -20 + 90° = +/- = 0,2°)
- Measuring accuracy humidity in the whole range approx. +/- 3% (Typical: 0~80% +/- 1.5%)
- With 1.5 m connection cable

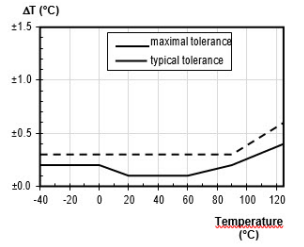
Technical Details:

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
Bauform:	kabelgebunden



Part No.: 157798
Vendor Part No.: ALL3020

Attribute	Value
Einsatzorte MSR:	indoor;outdoor;
Kompatibilität Zentrale:	ALL3419;ALL3500;ALL3500PoE;PoE Signallampe;ALL3696;ALL3420;ALL5000;ALL4500;ALL5000v2;ALL3418;ALL5100;ALL4176;ALL3692;
Weight:	0.063 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
206211	ALLNET MSR Central "ALL5000v2" incl. 16 Sensor Ports & 19" for IP Building Automation
101241	ALLNET ALL3692 / Smart-Meter-Gateway PM3 4x D0 Connectors
104126	ALLNET ALL3505 / IP Homeautomation Appliance DIN-Rail 8x I2C