

ALLNET ALL3020 / Sensor for humidity and temperature



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

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Part No.: 157798
Vendor Part No.: ALL3020

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	t63%	>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
81174	ALLNET MSR Zentrale "ALL5000" inkl. 16 Sensor Ports & 19" für IP Gebäude Automation
101241	ALLNET MSR Powermeter Zentrale "ALL3692" inkl. 4 D0 & 2 S0 (opt.) & Induktion & 2 Sensor Ports für IP Gebäude Automation