

H3531R - 0 to 100% Humidity Sensor

Model: H3531R



0 to 100% Humidity Sensor

H3531R 0 to 100% Humidity Sensor 3-pin connector 2-wire interface

0 to 100% Humidity Sensor 0.1°C, 0.1%RH 2s response time

Table

Humidity	0 to 100%
Humidity accuracy	±2.5% RH (5 to 95% at 23°C)
Humidity resolution	±0.4°C
Temperature	0.1°C, 0.1%RH
Response time	2s
Operating voltage	5V
Operating current	10mA
Operating temperature	±1.5°C (RH < 30%) -60 to +80°C
Humidity range	±1.5g/m ³ (T < 25°C) 0 to 400 g/m ³
Humidity resolution	±2g/kg (T < 35°C) 0 to 550 g/kg
Humidity accuracy	±2g/kg (T < 35°C) 0 to 995 g/kg
Humidity resolution	±3kJ/kg (T < 25°C) 0 to 995 kJ/kg
Temperature compensation of the humidity sensor	all temperature range
Operating temperature	-30 to +80°C
IP rating	IP30
Humidity resolution	2
Operating voltage	50V, 2A, 60VA
Humidity resolution	3
Humidity resolution	500ms
Humidity resolution	0 to +0.5V
Humidity resolution	+3.0 to +30V
Humidity resolution	5V - 30V
LAN	RJ-45 10Base-T 100Base-TX
Humidity resolution	WWW, ModbusTCP, SNMPv1, SOAP
Humidity resolution	E-mail (SMTP) SNMP Trap Syslog
Humidity resolution	T-Sensor, Telnet, keyboard

LCD	+70°C +70°C LCD
	0.025mm -
	12Vdc, 1W
	co-axial, 5.5 x 2.1mm
	1m, 2m or 4m
	483 x 44 x 45 mm (W x H x D), 19
	1090g - 1
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