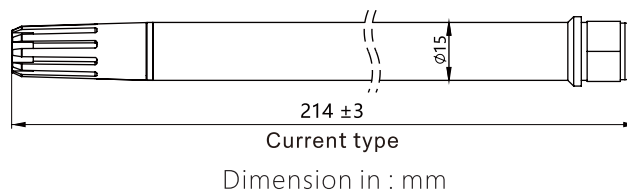
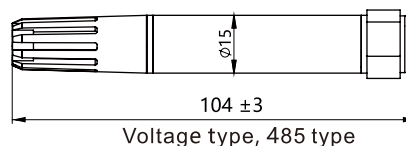
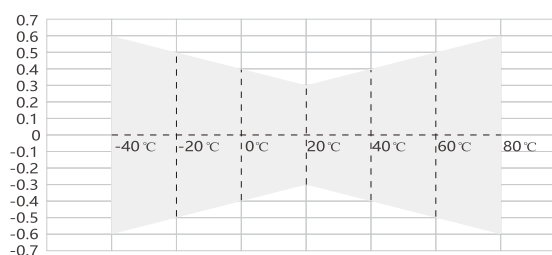


LFH51

Probe Type Temperature and Humidity Transmitter



Digital sensor temperature accuracy curve



LFH51 Temperature and Humidity Transmitter adopts high-precision digital probe, which has good long-term stability and anti-interference ability, small size, simple installation and easy operation. There are two output modes of voltage and RS485 to choose from. It is widely used in ventilation ducts, industrial workshops, warehouses and other places that need to measure temperature and humidity.

LFH51 Order Ref No

LFH51 - 3 V10 V10 2
A B C D

A Accuracy Range	B Humidity output	C Temperature Output	D Temperature Range
3=±3%RH(±0.3°C)	V10=0~10VDC(three wires)	V10=0~10VDC(three wires)	0=NO
	RS=RS485/Modbus	RS=RS485/Modbus	1=0~50°C
	A4=4~20mA(two wires)	A4=4~20mA(two wires)	2=-20~60°C
			8=Others (customer specified)

Specification

General	Value
1 Relative humidity	
Sensor	Digital
Measurement Range	0%~100%RH
Output	Output:RS485/Modbus,0-10VDC,4-20mA optiona
Accuracy	±3%@ 20°C & 60%RH
2 Temperature	
Sensor	Digital
Output	Output:RS485/Modbus,0-10VDC,4-20mA optiona
Accuracy	±0.3°C@20°C see the Table below
Power Supply	Voltage/RS485 type:12-36VDC Current type:19.5~35VDC(RL=500Ω)/9.5~35VDC(RL=0Ω)
Shell Material	Pa6 case
Working Environment	-40~85°C,5%-95%RH(Non-condensing)
Protection Level	Ip65