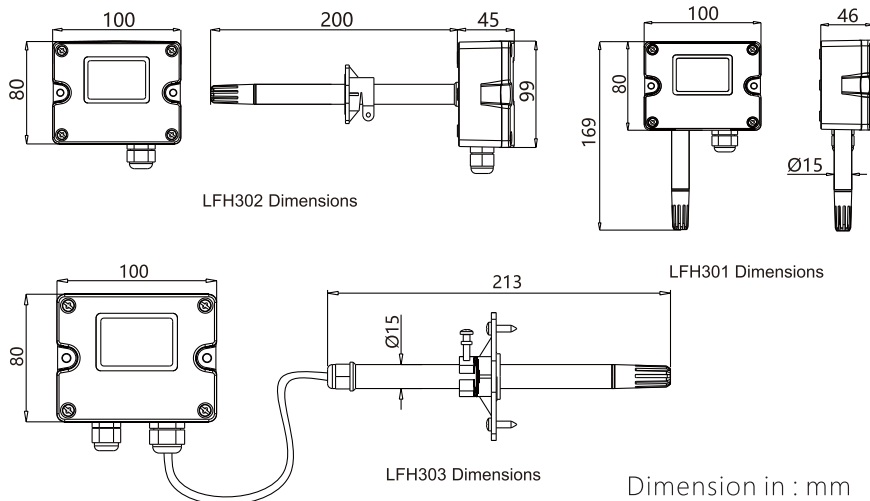
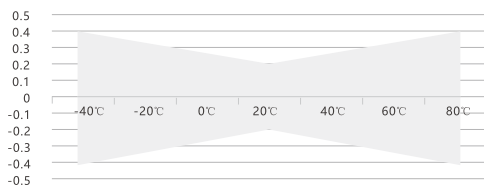




Digital sensor temperature accuracy curve



LFH30 Order Ref No

LFH30 - 2 A4 A4 1 1

A B C D E

LFH30 Temperature and Humidity Transmitter



LFH30 sensitive components use imported polymer film humidity sensitive capacitors and PT1000 temperature sensitive resistors. The special breathable coating and SMD injection molding process can ensure the long stability of the probe in the environment of dust, salt spray pollution and high humidity condensation. It is calibrated with mature humidity and temperature measurement technology to ensure the accuracy. It is suitable for high-standard intelligent buildings, incubators, industrial dehumidifiers and other fields.

Model	A Accuracy range	B Humidity output	C Temperature output	D Temperature range	E Display mode
LFH301-Wall-mounted type temperature and humidity transmitter	2=±2%RH(0.3 °C)	V10=0~10VDC(3-wire)	V10=0~10VDC(3-wire)	0=NO	0=NO
LFH302-Duct type temperature and humidity transmitter	A4=4~20mA(2-wire)	A4=4~20mA(2-wire)	1=0~50°C	1=LCD display	
LFH303-Split type temperature and humidity transmitter	RS=RS485/Modbus	RS=RS485/Modbus	2=-20~60°C		
			0=PT1000,±0.2 °C @0 °C	8=Others (customer specified)	
			1=PT100,±0.2 °C @0 °C		
			2=NTC20K,±0.4 °C @25°C		
			6=NTC10K,±0.4°C@25°C		

Specification

General	Value
1 Relative Humidity	
Sensor	Humidity Sensitive Capacitor
Measuring Range	0%~100%RH
Output	RS485/Modbus, 0~10VDC, 4~20mA optional
Accuracy	±2%@ 20@&20~80%RH
Response time	≤10s(20°C,Slow flow air)
2 Temperature	
Sensor	Pt1000 or passive thermal resistance, see Order Ref No
Measuring Range	0~50°C,-20~60°C,etc.
Output	4~20mA,0~10VDC,RS485/Modbus optional
Thermal Resistance	See Order Ref No.and Thermal Resistance Indexing Table
Accuracy	±0.2°C@20°C Passivity RTD:typical±0.2~0.4°C@25°C,see Order Ref No.
Power Supply	Rs485 type 9~35VDC/24VAC±20% Voltage type:12~35VDC/24VDC±20% Current type:12V+RL*20mA<UV<35VDC
Output Load	≤500Ω(Current type),≥2KΩ(voltage type)
Display	LCD display optional, with unit display and backlight (4~20mA without backlight)
Case Material	PC shell, PA6 probe rod and polymer filter
Working Environmen	-20~60°C,5%-95%RH (Non-condensing)
Protection Grade	Ip65