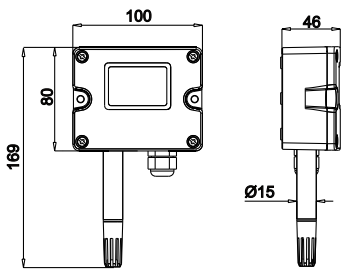
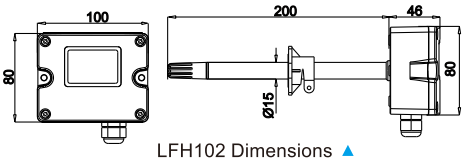
LEFOO

LFH10

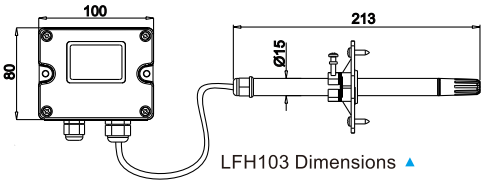
Temperature and Humidity Transmitter



LFH101 Dimensions ▲



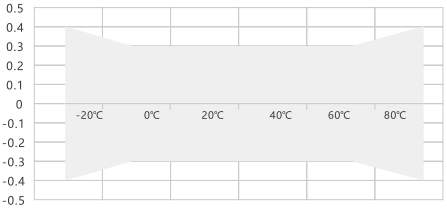
LFH102 Dimensions ▲



LFH103 Dimensions ▲

Dimension in : mm

Digital sensor temperature accuracy curve



LFH10 Temperature and Humidity Transmitter is specially designed for industrial applications. There are three installation methods: wall-mount, duct type, and split type. Three output models of current, voltage, and Rs485are optional, with flexiable site installation adaptability. The terminal design is suitable for quick installation. It can be widely used in data room, HVAC, buildings, warehouses and other places need to measure temperature and humidity.

LFH10 Order Ref No

LFH101 - 2 A4 A4 1 1

A B C D E

Model	A Accuracy range	B Humidity output	C Temperature output	D Temperature range	E Display mode
LFH101-Wall-mounted temperature and humidity transmitter	3=±3%RH(0.3 °C)	V10=0~10VDC(3-wire)	V10=0~10VDC(3-wire)	0=NO	0=NO
LFH102-Duct type temperature and humidity transmitter		A4=4~20mA(2-wire)	A4=4~20mA(2-wire)	1=0~50°C	1=LCD display
LFH103-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

1 Relative Humidity		
Sensor	Digital type	
Measuring Range	0%~100%RH	
Output	RS485/Modbus, 0~10VDC, 4~20mA optional	
Accuracy	±3%@ 20@&20~80%RH	
Response time	⩽10s(20°C,Slow flow air)	
2 Temperature		
Sensor	Digital type or thermal resistance, see Order Ref No.	
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	Digital type: ±0.3°C@0~60°C Thermal resistance:typical±0.2~0.4°C@25°C,see Order Ref No.	
Power Supply	Voltage type/RS-485:15~35VDC/24VAC+20% (AC power supply needs to be connected to anisolation transformer)	Current type:18.5~35VDC (RL=500Ω)8.5~35VDC(RL=0Ω)
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(optional stainless steel probe and stainless steel sintered filter)	
Working Environmen	-20~60°C,5%-95%RH (Non-condensing)	
Protection Grade	Ip65	