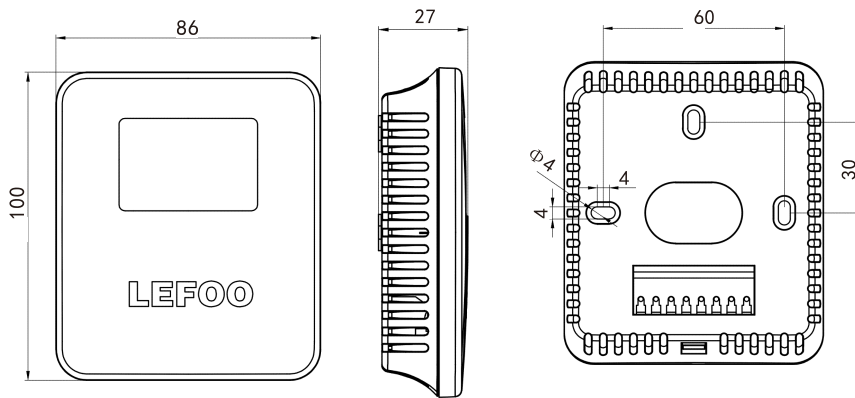
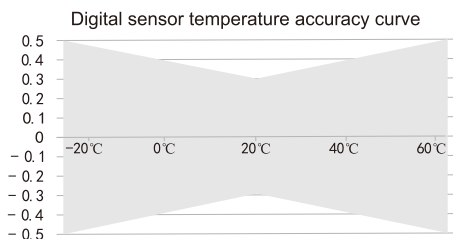


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Dimension in : mm



LFH20 Order Ref No

LFH20 - 3 A4 A4 1 1

A B C D E

A Accuracy Range	B Humidity Output	C Temperature Output	D Temperature range	E Display
3=±3%RH(0.3℃)	V10=0~10VDC(3-wire)	V10=0~10VDC(3-wire)	0=NO	0=No display
	A4=4~20mA(2-wire)	A4=4~20mA(2-wire)	1=0~50℃	1=LCD display
	RS=RS485/Modbus	RS=RS485/Modbus	2=-20~60℃	
	N=No output	0=PT1000,±0.2℃@0℃	8=Others (customerized)	
		1=PT100,±0.2℃@0℃		
		2=NTC20K,±0.4℃@25℃		
		3=NTC10K,±0.4℃@25℃		
		N=No output		

Specification

General	Value	
1 Relative humidity		
Transducer	Digital	
range	0%~100%	
Output	RS485/Modbus,0~10VDC,4~20mA optional	
Accuracy	±3%@ 20°C& 20~80%RH	
Response Time	≤10s(20°C,slow flow air)	
2 Temperature		
Transmitter	Digital or thermal resistance, see model selection table	
Range	0~50°C,-20~60°Cetc	
Output	4~20mA,0~10VDC,RS485/Modbus optional	
Thermal Resistance	See Order Ref No. and Thermal Resistance Index Table	
Accuracy	Digital type: ±0.3°C@20°C; Thermal resistance type: ±0.2~0.4°C@25°C,See selection table	
Power Supply	Voltage type/485 type: 15-35VDC24VAC+20% (isolated power supply is required for AC power supply)	Current type:19.5-35VDC(RL=500Ω)9.5-35VDC(RL=0Ω)
Output Load	≤500Ω(Current type),≥2KΩ(Voltage)	
Display	LCD display optional, with unit display and backlight (4~20)mA output without backlight	
Shell Material	PC case	
Work Environment	-20~60°C,5%-95%RH(Non-condensing)	
Protection Grade	Ip30	

LFH20

Indoor Temperature and Humidity Transmitter



LFH20 Temperature and Humidity Transmitter is specially designed for indoor temperature and humidity detection. It is small in size, simple in installation and easy to operate. It has special design for lightning surge, static electricity, group pulse, withstand voltage, etc, and has strong ant-interference ability. There are three output modes of current,voltage and RS485 to choose from. It can be widely used in computer rooms, buildings, warehouses and other places,where temperature and humidity are to be measured.