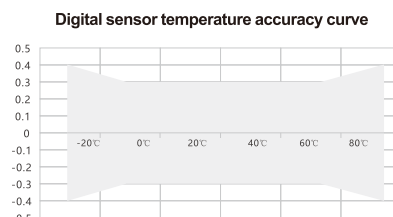
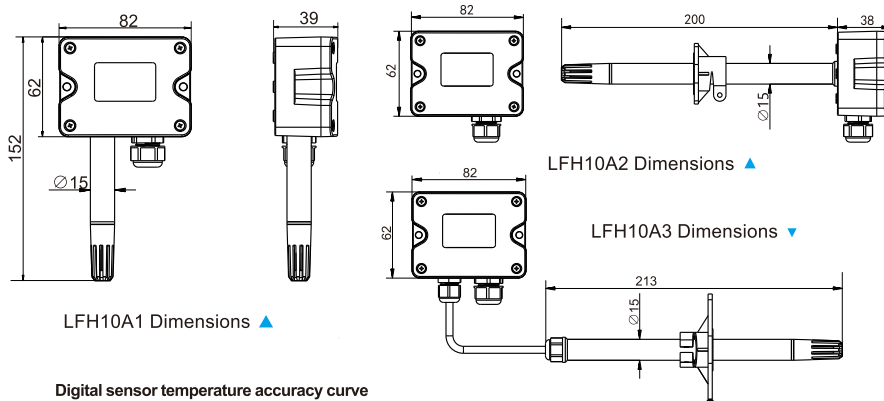


LFH10A

Temperature and Humidity Transmitter



LEFOO



Dimension in : mm

LFH10A series Temperature and Humidity Transmitter is a transmitter specially designed for industrial applications it has three installation methods: wall-mounted, duct type, and split. The three output modes of current, voltage and RS485 are optional. The on-site adaptability is strong, and the terminal design is suitable for rapid installation, it can be widely used in computer rooms, HVAC, buildings, warehousing and other places where temperature and humidity measurement is required.

LFH10A Order Ref No

LFH10A1 - 3 A4 A4 1 1
A B C D E

Model	A Accuracy	B Humidity Output	C Temperature Output	D Temperature Range	E Display
LFH10A1-Wall-mounted temperature and humidity transmitter	3=±3%RH(0.3℃)	V10=0~10VDC(3-wire)	V10=0~10VDC(3-wire)	0=None	0=None
LFH10A2-Duct type temperature and humidity transmitter		A4=4~20mA(2-wire)	A4=4~20mA(2-wire)	1=0~50℃	1=LCD display
LFH10A3-Split type temperature and humidity transmitter		RS=RS485/Modbus	RS=RS485/Modbus	2=-20~60℃	
0=PT100,±0.2℃@0℃ 8=Other (customer specified)					
1=PT100,±0.2℃@0℃					
2=NTC20K,±0.4℃@25℃					
6=NTC10K,±0.4℃@25℃					

Specification

1 Relative humidity		
Sensor	Digital type	
Measuring Range	0%~100%RH	
Output	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		
Sensor	Digital type or 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	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 requires isolated power supply)	Current type: 19.5~35VDC(RL=500Ω)/9.5~35VDC(RL=0Ω)
Output Load	≤250Ω(Current type), ≥2KΩ(Voltage type)	
Display	LCD display optional, with unit display and backlight (4-20mA without backlight)	
Shell Material	PC shell, PA6 probe rod and polymer filter(optional stainless steel probe and stainless steel sintered filter)	
Working Environment	-20~60°C,5%~95%RH(Non-condensing)	
Protection Grade	Ip65	