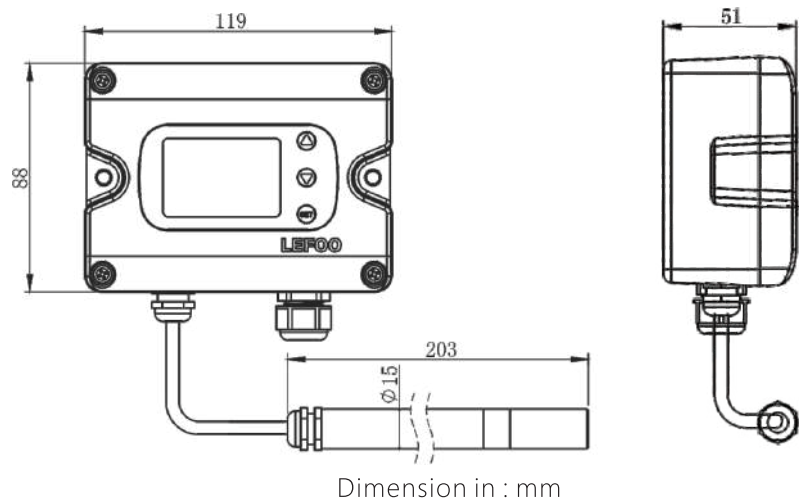
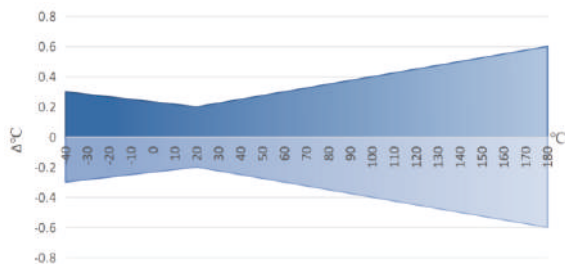




LFH70
High-temperature temperature
& Humidity transmitter



Digital sensor temperature accuracy curve



ORDER REF NO.

Code and Description			Remark
LFH70-	RS	485	
	A4	4-20mA	Output
	V10	0-10V	

Note: The default length of split type cable is 1 meter, and the length can be added by meter basis, represented by number after the model. The default temperature range for voltage and current type is -20~60 °C, and can be reset by pressing any button.

Model selection example LFH70-A4-2,it means split type temperature and humidity transmitter, 4-20mA output, with LCD external button, customized wire length of 2 meters.

Specification

General	Value
(1)Relative Humidity	
Sensing element	High temp&humidity sensitive capacitor
Range	0-100%
Output	RS485,0-10V,4-20mA
Accuracy	≤90%RH@20°C ±2%RH >90%RH@20°C ±2.3%RH
Response time	≤10S
(2)Temperature	
Sensing element	PT1000
Probe operating temperature	-40-180°C
Output	RS485,0-10V,4-20mA
Accuracy	±0.2°C@20°C See accuracy curve chart
Power supply	15-35VDC/24VAC±20%
Operating temperature range of electronic components(with LCD)	-20-60°C
Relay	2xSPDT(3A-30VDC/250VAC)
Output Load	≤500Ω(current output) ≥10KΩ(Voltage output)

LFH70 Temperature&humidity Transmitter is a highly reliable product developed for high-precision temperature and humidity measurement in fundamental industrial applications and climate control fields. its split probe can work in environments with temperatures up to 180 °C. The high-temperature humidity sensitive capacitor has high long-termstability, strong anti pollution ability, and excellent anti electromagnetic interference ability. Comparing to other HVAC transmitters, the innovative metal structure design gives LFH70 the advantage of stronger structure and longer duration in harsh working conditions.