BONT

PT BONT TECHNOLOGIES NUSANTARA

Temperature and Humidity Sensor

Komplek Rukan Sunter Permai Blok C No. 9 Jl. Danau Sunter Utara, Sunter Jakarta Utara 14350 - Indonesia

www.bont-technus.com

+ 62 815 1166 3170

info@bont-technus.com

@bont.technus

@bont.technus

Temperature and Humidity Sensor

BONT-Temperature and Humidity Sensor LFH10A

Product Features

 * Adopt high-precision sensor and main control, long-term stability and anti-interference ability

 * Outstanding design, LCD backlight dual display of temperature and humidity, easy operation

 * Overvoltage and reverse connection protection function, IP65 protection level

 * Temperature range can be changed by dialing code, 485 output can change the machine number and baud rate by dialing code

 Product Description

LFH10A series temperature and humidity transmitter is a transmitter specially designed for industrial applications . It has three installation methods : wall-mounted , pipeline , and split . The three output modesof current , voltage , and RS485 are optional . The on-site adaptability strong , and the terminal design is suitable for rapid installation . It can be widely used in computer rooms , HVAC , buildings , storage vegetable greenhouses , farms and other places where temperature and humidity measurement is required.

Technical Parameters

Temperature and Humidity Sensor LFH10A	
Relative Humidity	
Sensor	Digital type
Measuring Range	0%~100%RH
Output	RS485/Modbus,0~10VDC,4~20mA optional
Response Time	≤10s(20?, slow flow air)
Accuracy	±2%@ 25? & 60%RH
Temperature	
Sensor	Digital or thermal resistance
Measuring Range	0~50?, -20~60?
Output	4~20mA, 0~10VDC, RS485/Modbus
Work Temperature	-20~60?,5%-95%RH(non-condensing)
Thermal resistance	See Order Ref No. and Thermal Resistance Indexing Table
Output Load	≤250Ω(Current Type)?≥2KΩ(Voltage Type)
Accuracy	Digital:±0.3?@0~60?/Thermal resistance:±0.2~0.4?@25?
Display	LCD display optional, with unit display and backlight(4~20mA output without backlight)
Power Supply	Voltage type/RS485 type :15~35VDC/24VAC±20%; Current type 19.5~35VDC (RL=500Ω) 9.5~35VDC (RL=0Ω)
Shell Material	ABS housing, PC probe and high polymer filter
Protection Grade	IP65