

Applications & Features :

- High accuracy digital sensor, field changeable without any re-calibration
- Large high light LED display
- Multiple inputs and outputs selection
- Optional relay for alarm or ON/OFF control
- Light and state of art housing, easy installation
- Single point temperature, humidity (and D.P.) measurement and display
- Multiple points temperature, humidity (and D.P.) measurement, display and network data collection
- Compatible to DDC and PLC systems



Specifications :

TD Specifications

Applications	: Clean room, library, museum, etc.
Suitable for	: Single or network data measurement and display
Power and Consumption	: 220VAC $\pm$ 15%, <5W
Display resolution	: 0.1°C
Display range	: 0-50.0°C
Accuracy(25°C,20~80%RH)	: <0.5°C
Sensor	: TD-S
Standard inputs	: 1x0-10V/4-20mA(2-10V)
Standard outputs	: 1x0-10V/4-20mA
Response time	: Temp. 30s
Dimension	: W470*H290*D50mm

THD Specifications

Applications	: Clean room, library, museum, etc.
Suitable for	: Single or network data measurement and display
Power and Consumption	: 220VAC $\pm$ 15%, <10W
Display resolution	: 0.1°C, 0.1%RH
Display range	: 0-50.0°C, 0-99.9%RH
Accuracy(25°C,20~80%RH)	: <0.5°C, <3%RH
Sensors	: THD-S
Standard inputs	: 2x0-10V/4-20mA(2-10V)
Standard outputs	: 2x0-10V/4-20mA
Response time	: Temp. 30s, hum. 10s
Dimension	: W715*H285*D50mm

THPD Specifications

Applications	: Clean room, lab, etc.
Suitable for	: Single or network data measurement and display
Power and Consumption	: 220VAC±15%, <15W
Display resolution	: 0.1°C, 0.1%RH, 0.1Pa
Display range	: 0-50.0°C, 0-99.9%RH, 0-99.9Pa
Accuracy(25°C,20~80%RH)	: <0.5°C, <3%RH, <1Pa
Sensors	: THD-S,MS-121
Standard inputs	: 3x0-10V/4-20mA(2-10V)
Standard outputs	: 3x0-10V/4-20mA
Response time	: Temp. 30s, hum. 10s, D.P. 5s
Dimension	: W470*H650*D50mm(single side)

⚙ Specifications :

Display	: 3 Bit 2 inches red LED
Communication	: RS485, Modbus RTU, 9600-n-8-1, support read/output and write/input parameters
Materials/Protection/Installion	: Aluminium with polymethyl panel and PVC film; IP54; Wall mount or suspend from ceiling
Buttons and functions	: Three buttons with functions of parameters calibration, buzzer/relay parameters set, RS485 address set, input signals/ranges set, output ranges set , LED inspection, restore default settings, etc .



HOW TO ORDER

Basic Model :

MCDHTD

TD	Temp. Display Screen
HTD	Temp./Hum. Display Screen
HTPD	Temp./Hum. /D.P. Display Screen

TD

Input :

Order code

V

0	With separated sensor, 1.5m cable
1	Without sensor,0-10V/4-20mA inputs
8	Without sensor,RS485,Modbus RTU

Output :

8

0	No any outputs
1	0-10V/4-20mA
8	RS485,Modbus RTU
B	0-10V/4-20mA&RS485-Modbus RTU

Relay :

V

0	N/A
1	1xSPDT

Ordering Example:

MCDHTD - TD - V - 8 - V

Note:

Optional high accuracy temperature sensor or Temp./RH sensor:

temperature sensor: $\pm 0.25^{\circ}\text{C}$, Temp./RH sensors: $\pm 0.25^{\circ}\text{C}$ /2%RH (CODE2), add "H" after part numbers