

RSA-DTH/ RSA-DTHV/THPD Display Screen For Temp./ Humidity / Diff. Pressure



Applications & Features

- High accuracy digital sensor, field changeable without any re-calibration
- Large, high light LED display
- Multiple inputs and outputs selection
- Light and up-to-date enclosure
- Single point temperature, humidity or DP measurement and display
- Multiple points temperature, humidity and DP measurement, display and network data collection
- Compatible to DDC and PLC systems

Models

Model	RSA-DTH RSA-DTHV RSA-DTHP			Temp/Hum Display Screen(Horizontal) Temp/Hum Display Screen(Vertical) Temp/Hum /DP Display Screen
Input		0 1 8		Remote sensor, 1.5m cable 0-10V/4-20mA input, without sensor RS485/Modbus RTU input, without sensor
Output		0 1 8 E		without any output 0-10V/4-20mA RS485, Modbus RTU 0-10V/4-20mA, RS485/Modbus RTU
Relay		0 1		N/A 1×SPDT+ inside buzzer

All products are factory set to 4-20mA as output default, and can be set to 0-10V by jumper on the PCB

Specifications

	RSA-DTH	RSA-DTHV	RSA-DTHP
Application	Clean room, library, museum, lab, etc.		Clean room, lab, etc.
Function	Single point or multiple points network data measurement and display		
Power	85~265VAC		
Consumption	<15W		<15W
Display	3 Bit 4 inch red LED		
Display Resolution	0.1°C, 0.1%RH		0.1°C, 0.1%RH, 0.1Pa
Display Range	0~50.0°C, 0~99.9%RH		0~50.0°C, 0~99.9%RH, 0~99.9Pa
Display Accuracy	< ± 0.4°C @ 5-50°C < ± 3%RH @ 20-80%RH, 25°C		< ± 0.4°C @ 5-50°C < ± 3%RH @ 20-80%RH, 25°C < ± 1Pa @ 0-99.9Pa, 25°C
	1%FS		
Response Time	Temp. 30s, Hum. 10s		Temp. 30s, Hum. 10s, DP 5s
Sensor	RSA-DTH-S T/RH sensor		RSA-DTH-S T/RH sensor, DPT DP transmitter
Standard Input	2×0-10V/4-20mA(2-10V)		3×0-10V/4-20mA(2-10V)
Standard Output	2×0-10V/4-20mA		3×0-10V/4-20mA
Communication	RS485/Modbus RTU, 9600-n-8-1, support read/output and write/input parameters		
Dimension	W715*H285*D50mm	W470*H520*D50mm	W470*H650*D50mm
Weight	3.8kg	4.2kg	5.2kg
Material	Dull silver color aluminum alloy frame, PC panel with PVC film		
Protection	IP30		
Installation	Wall mount or suspend from ceiling		
Buttons & Functions	Three buttons with parameters calibration, buzzer/relay parameters set, RS485 address set, input signals/ranges set, output ranges set, LED inspection, restore default set, etc		