

# RB-100-AQ

**Temperature, humidity and CO2 on wall sensor RS485**



Model number:	<b>RB-100-AQ</b>
Mounting:	In-wall, dose
Dimensions:	100 x 122 x 44 mm
Connection:	RS485 to HIQ MC controller or Cybro
Frame color:	Black

## Features

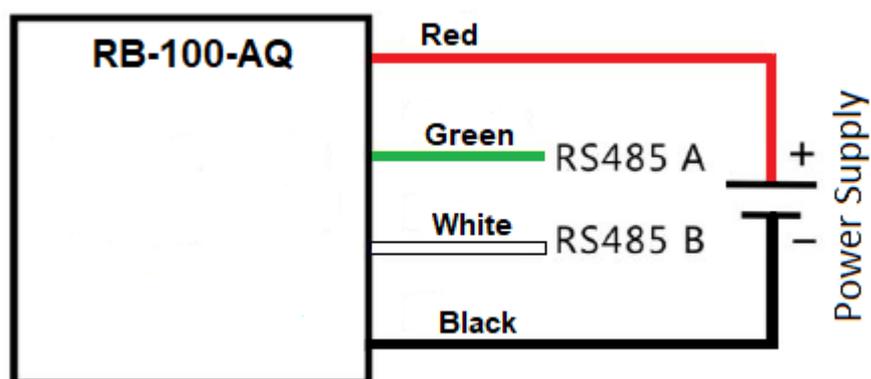
- High measurement accuracy
- Built-in high-performance microprocessor
- Multiple probes available
- Integrated use of temperature, humidity and CO2
- Superior performance and long-term stability

## Technical specifications

Power supply:	10-30VDC Note: 0-10VDC output (limited to 24VDC Power Supply)
Signal output:	4-20mA/0-5VDC/0-10VDC RS485 output (Modbus protocol)
Digital output:	Device address 1-255, default 1

	Device baud rate 2400, 4800, 9600 optional, default 4800
	Byte format 8-bit data bit, 1 stop bit, no parity
Measuring temperature	-20°C to +80°C
Measuring humidity :	Relative humidity 0%-100% RH
Temperature accuracy :	0.5°C (25°C)
Humidity accuracy :	3% RH (20%RH-80%RH, 25°C)
Recommended work temperature :	5°C - 55°C
Storage temperature :	5°C - 30°C, 80%RH

## Wiring



## Dimensions

