

RB-100-AQ

Temperature, humidity and CO2 on wall sensor RS485



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

Features

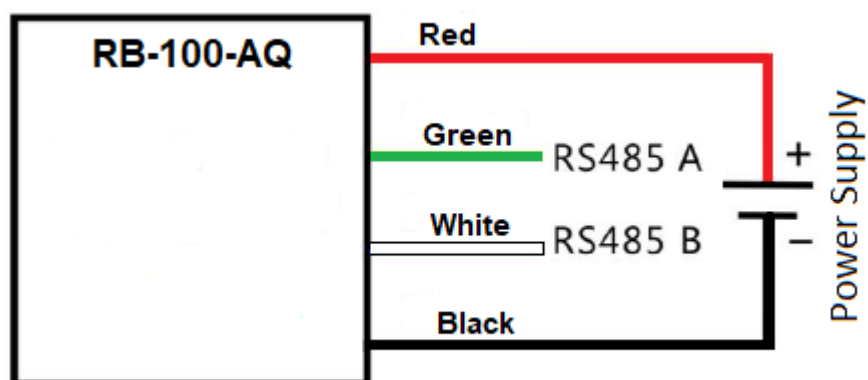
- High measurement accuracy
- Built-in high-performance microprocessor
- Multiple probes available
- Integrated use of temperature, humidity and CO2
- Superior performance and long-term stability

Technical specifications

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|-----------------|---|
| 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 |

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|------------------------|--|
| | Byte format 8-bit data bit, 1 stop bit, no parity |
| Measuring temperature | -40°C to +80°C |
| Measuring humidity : | Relative humidity 0%-100% RH |
| Temperature accuracy : | 0.5°C (25°C) |
| Humidity accuracy : | 3% RH (5%RH-95%RH, 25°C) |
| Long-term stability : | Temperature < 0.1°C/year, Humidity < 0.1%RH/year |
| Response time : | Temperature < 18sec (1m/s wind speed), Humidity < 6sec (1m/s wind speed) |

Wiring



Dimensions

