DCbox

WALL MOUNT TYPE AIR QUALITY DETECTOR

DCQM-103

- High brightness LCD display.
- Detectable O_2.
- Can store historical data by SD card (Optional).
- RS485 Output to connect with human-machine interface or computer for data storage.
- DC 4-20mA output (Optional*2).
- Compatible with large display (Optional).

SPECIFICATION

Measuring range: Temp.: -30.0~100.0℃ (PT-100)
Humi.: 0~100%
Oxygen content: 0~30.0% (Resolution:0.1%)

Display: LCD
Size: 70mm*20mm
Height: 5.7mm*6.7mm (2 layers)

Sensor: Electrochemical

Accuracy: < 50μg/m³±10%
> 50μg/m³±5μg/m³
Temp.: ±0.5℃
Humi.: ±3%RH (20%~80%RH@25℃)
±5%RH (<20% >80%RH@25℃
O_2: ±2%

Response time: <10 secs.
Temp./Humi1.: 1 sec.
O_2: <15 secs.

Life time: 2 years.

Operating environment: 0~+50℃ / Below 80%RH.
Storage environment: -20~+60℃ / Below 80%RH.
Power environment: DC 24V
Dimension: 111mm×137mm×36mm

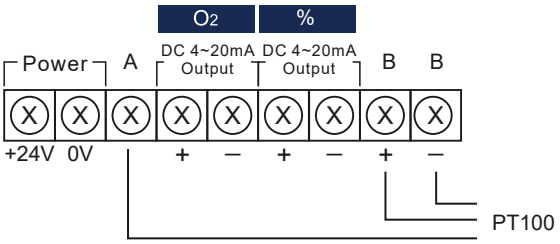
RELAY OUTPUT (Optional)

Control system: Microcomputer
Setting range: Free setting

RS485 INTERFACE

Address 1~FF(16 Hex)
Baudrate 9600, 19.2K, 38.4K, 57.6K, 115.2K
Frame N.8.2, E.8.1, O.8.1, N.8.1
Protocol Modbus RTU mode

WIRING CONNECTION



ORDER INFORMATION

DCQM-103 - [Code1] [Code2] [Code3] [Code4] [Code5]

Code1	Oxygen
6	4~20mA
N	None

Code2	Humi.(%)
1	4~20mA
N	None

Code3	Communi.
N	RS485
O	Option

Code4	Wireless
L	Lora
W	Wi-Fi
N	None

Code5	Temp.(℃)
1	4~20mA
PT	PT-100
N	None