

AQC910series

Indoor air quality (VOC) Monitor/Alarm

Indoor Air Quality + Temperature +Humidity Detection

Three-color max dot display with LCD backlit, Desktop or Wall Mounting



AQC910.1V-DO IAQ (VOC) Monitor/Alarm

AQC910.1V-DO monitor is specially designed in detector and control the indoor air quality— environment protector.(Matrix dot display LCD with three color, Desktop or wall mounting) . Its internal mix gases sensor has high sensitivity not only to VOC such as toluene and formaldehyde from wood finishing and construction products but also to other air contaminants which are emitted by cigarette smoke, ammonia, hydrogen sulfide etc. It's also sensitive to carbon monoxide, alcohol, disinfectant and other bad smells. So it is more suitable for monitoring IAQ than any other sensor that for a single kind of gas.,AQC910.1V-D0 has one output to control the auto fan (Ventilation equipment, Fresh air device)which could change the poor indoor air quality.



Feature



- ◆ Real time monitors ambience air quality. Includes the other air contaminants
- ◆ Highly sensitive to many harmful gases, such as harmful gases from construction and decoration materials, VOCs such as formaldehyde and toluene, ethanol, ammonia, hydrogen sulfide, sulfur dioxide and other harmful gases
- ◆ Presetting bad air quality output change indoor air quality
- ◆ Japanese semiconductor mix gases sensor's lifetime more than 7 years
- ◆ Matrix dot display LCD with three color(green/yellow/red)color indicating quality at optimal/moderate/poor and buzzer alarm
- ◆ Provide one relay output to control a ventilator
- ◆ Temperature and humidity detection and display
- ◆ Long time stability
- ◆ 220VAC or 24VAC/VDC power selectable; power adaptor available; desktop and wall mounting type available
- ◆ Languages option

Technical Data

Accuracy	± 0.3
Power Supply	24VAC/VDC , 230VAC
Signal update	3S
Output	1xRelay output to control a ventilator or air-purifier,max current 3A resistance (220VAC)
Buzzer alarm	Alarm starts when VOC value above 25ppm
LCD backlit	Green —optimal air quality ► enjoy the air quality
	Yellow —moderate air quality ► ventilation suggested
	Red — poor air quality ► ventilation immediately
VOC measuring range	0.5-30ppm(1ppm= 1 part per million)
Display resolution	0.1ppm
VOC setting resolution	0.1ppm
Preheat time	24h(first time)
Consumption	2.4W
Warning alarm	Inner buzzer alarm and also three colors backlit switch as well
Housing	PC/ABS fire-proof, IP30 protection
Wiring standard	Wire section area <1.5mm ²
Dimension	130mm(L)*85mm(W)*37mm(H)
Installation standard	Desktop or wall mount (65mm×65mm or 85mmX85mm or 2"×4" wire box)
Quality system	ISO9001

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