

ADS-VOC-24 | Volatile organic compounds sensor 24V

ADS-VOC-24 is used to control ventilation, air cleaners and to monitoring of the air quality in the people occupied areas like restaurants, kitchens, facilities and likewise.

- > sensitive to gaseous pollutants in the air
- > based on electrochemical principle
- > analog output 0 - 10V + output relay
- > built-in regulator
- > good long-term stability



ADS-VOC is space gaseous air pollutants sensor with analog voltage output 0 - 10V and output relays with adjustable levels of switching. The sensor has a high sensitivity at low concentrations of pollutants in the air such as ammonium and hydrogen sulfide produced during decomposition of organic waste materials. It is suitable for ventilating room's contaminated gaseous substances of organic origin, cooking fumes, cigarette smoke and etc.

Parameter	Value	Unit
Supply voltage range	14 – 24	V DC
	24	V AC
Input	2,5	VA
Voltage output	0 – 10	V DC
Current output 1	0 – 20	mA
Current output 2	4 – 20	mA
Switched voltage	max. 250	V AC
Switched current	max. 16	A
Switching hysteresis	1,5	V
Working temperature	0 to +40	°C
Working humidity	5 to 95 %	RH
Storage temperature	-20 to +60	°C
Dimensions	125x83x37	mm

- For the long term stability it is recommended to power the sensor continuously.
- Since power on to warm-up the sensor. The first 10 minutes the output will be 0V. The relay starts to switch after this interval. In the next 24 hours the sensor will stabilize.

The approximate sensor sensitivity

