

ADS-SMOKE-24 | Smoke sensor 24V

ADS-SMOKE-24 is used to control ventilation, air quality monitoring in the people occupied areas like restaurants, shops, offices, households, flats and likewise.

- › sensitive to cigarette smoke
- › based on electrochemical principle
- › analog output 0 - 10V + output relay
- › built-in regulator
- › long-life



ADS-SMOKE is an indoor air quality sensor with analog voltage output 0 - 10 V and an output relay with adjustable switching level. The sensor has a high sensitivity to low concentrations of pollutant gasses in the air. For example carbon monoxide and hydrogen, those are contained in the cigarette smoke. Therefore is the ADS-SMOKE appropriate for use in areas polluted by cigarette smoke. Monitoring of the air pollution allows very economical controlling of ventilation systems.

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.		

Indicative sensitivity characteristics:

