

ADS-SMOKE-230 | Smoke sensor 230V

ADS-SMOKE-230 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
Power supply	230	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.

