

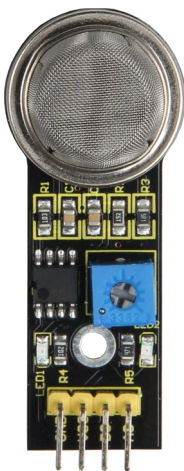
SEN-MQ135

Analog sensor air quality, benzene, alcohol and smoke on module



This analog gas sensor has a small heating part with an electronical chemical sensor. It is suitable for indoor usage. The sensor can output exact values only after warm-up phase.

Caution: sensor gets hot while usage!



MAIN FEATURES

Measurement range	10 - 1000 ppm
Measurable substances	Benzene, Ammonia, sulfide, smoke, Nitrogen oxides and other air pollution
Application areas	Detecting household gas leaks, industrial gas alarm, robotic, microcontroller projects
Compatible with	Raspberry Pi (with AD-converter), Arduino. etc.
Special features	High sensitivity, wide detection range
Dimensions	52 x 20 x 18 mm
Items delivered	SEN-MQ135

FURTHER SPECIFICATIONS

Analog Output	values will be processed by microcontroller
Digital Output	thresholds can be set
Pins:	
VCC	Voltage supply 5 V
GND	Ground
AOUT	Analog output
DOUT	Digital output
Detection ranges:	
Ammonia (NH ₃), Alcohol	10 - 300 ppm
Benzene	10 - 1000 ppm
Heating voltage	5.0 V ± 0.2 V
Heating resistance	31 Ω ± 3Ω (room temp.)
Heating power	≤ 900 mW
Sensitivity	R _s in air / R _s (100ppm NH ₃) ≥ 5
Operation temperature	-10 - 45 °C

FURTHER DETAILS

Article No.	SEN-MQ135
EAN:	4250236820002
Customs Tariff No.	90269000