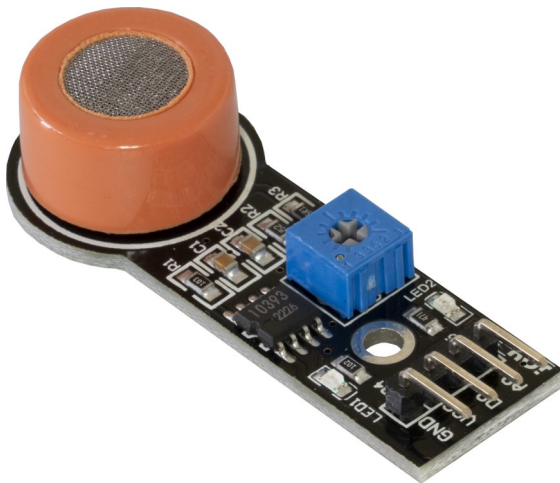


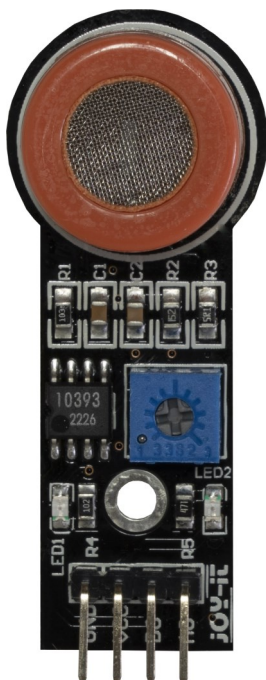
# SEN-MQ3

## Analog alcohol sensor on module



This analog gas sensor has a small heating part with an electrical 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	100 - 1000 ppm
Measurable substances	Ethan, Alcohol over the concentration of hydrogen
Application areas	f.e. for breath alcohol tester, robotic, microcontroller projects
Compatible with	Raspberry Pi (with AD-converter), Arduino. etc
Special features	High sensitivity which can be adjusted by potentiometer, quick response time, low sensitivity to benzine
Dimensions	32 x 20 x 22 mm
Items delivered	SEN-MQ3

### 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 (0 V - 5 V)
DOUT	Digital output (0 V / 5 V)
Response time	< 1 s
Pick time after power-on	≤ 30 s
Heating current/ voltage	≤ 150 mA, 5 ±0,2/ 1,5 ±0,1 V
Heating energy power	750mW

### FURTHER DETAILS

Article No.	SEN-MQ3
EAN:	4250236819945
Customs Tariff No.	90269000