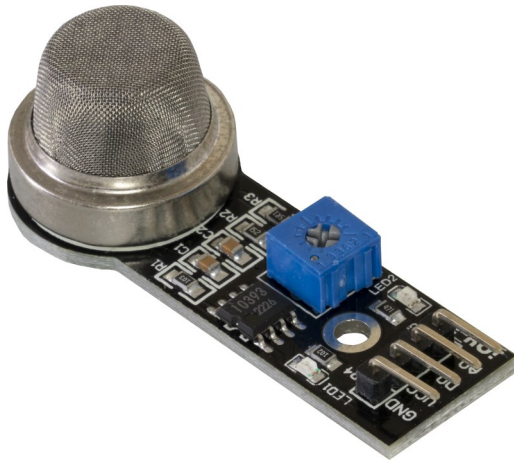# JOY-IT

SEN-MQ6
Analog liquefied petrol gas sensor 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 warmup phase.

Caution: sensor gets hot while usage!

MAIN FEATURES

Measurement range	300 - 10'000 ppm
Measurable substances	Liquefied petrol gas (LPG), propane, methane, butane and other combustible gas
Application areas	Detecting gas leaks, gas alarm, robotic, microcontroller projects
Compatible with	Raspberry Pi (with AD-converter), Arduino. etc.
Special features	High sensitivity for LPG, good sensitivity for combustible gas in a wide range of concentrations
Dimensions	32 x 20 x 22 mm
Items delivered	SEN-MQ6

FURTHER SPECIFICATIONS

Analog Output	values will be processed by microcontroller
Digital Output	thresholds can be set
Pins: VCC GND AOUT DOUT	Voltage supply (5 V) Ground Analog output (0 V - 5 V) Digital output (0 V / 5 V)
Loop voltage	≥ 24 V DC
Heating voltage	5.0 V ± 0.2 V
Heating resistance	31 Ω ±3Ω (room temp.)
Heating power	≤ 900 mW
Surface resistance of sensitive material	2 -20 KΩ in 2000ppm C3H8
Operation temperature	-10 - 50 °C

FURTHER DETAILS

Article No.	SEN-MQ6
EAN:	4250236819976
Customs Tariff No.	90269000