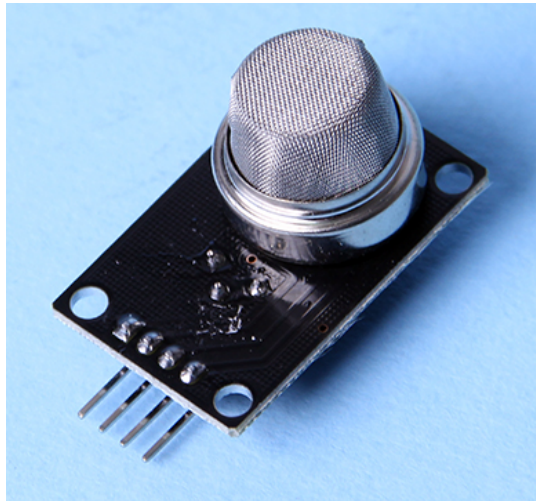


ARDUINO SENSOR GAS

Model:MQ-5



Features:

- High sensitivity to LPG, natural gas , town gas
- Small sensitivity to alcohol, smoke.
- Fast response
- Stable and long life
- Simple drive circuit

Specifications:

- 1-Heating Voltage: $5 \pm 0.2V$ (AC - DC)
- 2-Operating Current: 150mA
- 3-Circuit voltage: $\leq DC15V$ (DC15V maximum)
- 4-Load Resistance: 1K (adjustable)
- 5-Detectable Concentration Range: 300-5000ppm
- 6-Clean Air Voltage: $\leq 1.5V$
- 7-Sensitivity: $\geq 3\%$
- 8-Response Time: $\leq 1S$ (3-5 minute warm-up)
- 9-Response Time: $\leq 30S$
- 10-Component power consumption: $\leq 0.9W$
- 11-Operating Temperature: -10 to $50^{\circ}C$ (nominal temperature of $20^{\circ}C$)
- 12-Operating Humidity: 95% RH (nominal humidity of 65% RH)
- 13-Life: 5 years
- 14-Size: 35mm x 22mm x 25mm
- 15-Weight Size: 7g

Application:

They are used in gas leakage detecting equipments in family and industry, are suitable for detecting of LPG, natural gas , town gas, avoid the noise of alcohol and cooking fumes and cigarette smoke.