



TGS2602

Product code: TGS2602

Manufacturer: Figaro Engineering Inc.

In the presence of detectable gas, sensor conductivity increases depending on gas concentration in the air. A simple electrical circuit can convert the change in conductivity to an output signal which corresponds to the gas concentration.

The TGS 2602 has high sensitivity to low concentrations of odorous gases such as ammonia and H₂S generated from waste materials in office and home environments. The sensor also has high sensitivity to low concentrations of VOCs such as toluene emitted from wood finishing and construction products.

Due to miniaturization of the sensing chip, TGS 2602 requires a heater current of only 56mA and the device is housed in a standard TO-5 package.

The typical range is 1-30 ppm ethanol.

Measurement range

1-30 ppm Ethanol

Target Gas

Air pollutants
VOCs, ammonia, H₂S