

TGS821

Product code: TGS821

Manufacturer: Figaro Engineering Inc.



The TGS 821 has high sensitivity and selectivity to hydrogen gas. The sensor can detect concentrations as low as 50ppm, making it ideal for a variety of industrial applications.

In the presence of a detectable gas, the sensor's conductivity increases depending on the 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.

Application field	Industrial
Heater consumption	660 mW typical
Measurement range	30-1.000 ppm
Target Gas	Hydrogen