



## TGS816

**Product code:** TGS816

**Manufacturer:** Figaro Engineering Inc.

TGS816 has high sensitivity to methane, propane, and butane, making it ideal for natural gas and LPG monitoring.

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.

The TGS816 is not only sensitive to a wide range of gases, it also has a ceramic base which can withstand severe environments up to 200°C. It has high sensitivity to methane, propane, and butane, making it ideal for natural gas and LPG monitoring. The sensor can detect a wide range of gases, making it an excellent, low cost sensor for a variety of applications.

<b>Application field</b>	Domestic
<b>Heater consumption</b>	835 ± 90mW
<b>Target Gas</b>	Combustible Gases