

TGS3870-F00

Product code: TGS3870-F00

Manufacturer: Figaro Engineering Inc.



TGS 3870-F00 is a micro-bead type semiconductor gas sensor for the detection of both methane and carbon monoxide.

Using a micro-bead gas sensing structure, both methane and carbon monoxide can be detected with a single sensor element by periodic application of two different heater voltages (high and low). Miniaturization of the gas sensing bead results in a heater power consumption of only 38mW (average).

TGS 3870-F00 has low sensitivity to alcohol vapors (a typical interference gas in the residential environment) and has high durability

Application field	Industrial Domestic
Measurement range	1-25% LEL CH4 50-1000ppm CO
Target Gas	Methane Carbon Monoxide