

TGS3870-B00

Product code: TGS3870-B00

Manufacturer: Figaro Engineering Inc.



TGS 3870-B00 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-B00 has low sensitivity to alcohol vapors (a typical interference gas in the residential environment) and has high durability, making the sensor ideal for consumer market gas alarms.

Application field	Domestic Industrial
Measurement range	500-12.500 ppm CH4 50-1.000 ppm CO
Target Gas	Carbon Monoxide Methane