

Figaro semiconductor type MEMS methane sensor TGS8410

~ Lowest power consumption available worldwide

Features:

- * World's lowest^{*1} power consumption – 87 μ W
- * High sensitivity and selectivity to methane
- * Long life

Applications:

- * Portable/ Pocket type methane gas detectors
- * Battery operable/ Wireless gas detectors
- * Leak detection for natural gas vehicles
- * Leak detection from gas pipeline



Product description:

Figaro Engineering Inc. is pleased to announce its latest offering—the world's lowest^{*1} power metal oxide type methane sensor TGS8410.

Combining advanced Micro Electro Mechanical Systems technology (MEMS) with Figaro's 40+ years of extensive experience in metal oxide type gas sensing sensors, Figaro has developed a new methane gas sensor with the lowest power consumption of any sensor in the market. With its excellent durability and stability, TGS8410 is ideal for applications such as portable gas detectors and wireless gas detectors. This low power sensor makes it possible to manufacture a methane gas detector that uses a single lithium battery^{*2} and will have an expected life over 5 years.

The device is housed in a standard TO-5 package.

^{*1}: According to Figaro's own investigation

^{*2}: In case of Li battery with 2.8V, 2400mAh

For more info, please contact us.

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