

PRODUCT OVERVIEW

IOBG800 Gas Sensor Modules

GIOT IOBG800 gas sensor modules combine sensing elements and interface electronics for integration into monitoring equipment. Select the gas, sensing principle and electrical interface around your host system.



Configuration highlights

- Compact sensor and electronics assembly
- Analog and serial output options
- Sensor technology selected by target gas

Configured to order. Confirm the selected model and project scope before ordering.

Start with your application

Share the target gas, supply voltage, physical constraints, output interface and host communication requirements. Request the pinout and integration documentation for the final module.

Electrical ratings, dimensions, pinouts and performance vary by module. Confirm these details before designing the host system.

Discuss the right configuration with Giot

View product details and request a quotation at giotenergy.com

Technical overview

IOBG800 Gas Sensor Modules

Configuration reference	IOBG800 series
Application example	Low-power methane sensing
Sensing options	Electrochemical, catalytic, infrared or thermal conductivity, depending on model
Outputs	Analog voltage or current and serial communication options
Integration	Individual modules or multiple-sensor systems
Compensation	Temperature and humidity compensation, depending on module
Calibration	Model-specific calibration and communication support

Electrical ratings, dimensions, pinouts and performance vary by module. Confirm these details before designing the host system.

The product photograph is a representative IOBG800-CH4 module. Its printed ratings apply to that example. Request the exact module pinout, electrical limits, dimensions, protocol and calibration documentation before host integration.