Techsense Bangladesh Ltd

SOLID ELECTROLYTE CO2 GAS SENSOR, Code : (MG811)

Chemical Sensor MG-811 adopts solid electrolyte battery principle to detect carbon dioxide. When the sensor is placed in the CO2 environment, the electrode reaction occurs between the battery positive and negative electrode, and electromotive force is generated between the sensor sensitive electrode and reference electrode. The output voltage signal can be used for carbon dioxide detection.

General Attributes

- Model : MG811
- Sensor Type : Solid Electrolyte
- Detection Range : 350 to 10000ppm(CO2)
- Standard Encapsulation : Bakelite, metal cap
- Heater Resistance : 35Ω ± 3Ω
- Heater Current : 140±20mA
- Heater Voltage : 6.0V ± 0.1V AC or DC
- Heater Consumption : 850±120mW
- Standard Working Conditions : -20~50°C, under 95%RH
- Storage Conditions : -20~70°C, under 70%RH
- Zero Point EMF : 200-600mV
- D E M F output signal : 25mV/1000ppmCO2

Application Notes

Air Quality Control
Ferment Process Control
Room Temperature CO2 concentration Detection

For further information please visit : https://goo.gl/hfEmmc

LISTED IND. CONT. EQ. 81U2 for use in the secondary of a class 2 source of supply

IND. CONT. EQ 81U2 for use in the secondary of a class 2 source of supply Environmental - Type 1 Enclosure

We are the authorized distributor of winsen in Bangladesh.