



model SGM-E01

SGM-E01 Series  
Toxic and Flammable  
Gas Transmitters  
Configuration



SGM-E01

- ① Sensor
- ② 10 LED 1-10 (1=10%)
- ③ Unit status
- ④ Multimeter ports
- ⑤ Calibration port



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### Description

The SGM-E01 Gas Transmitter meets safety requirements in a variety of commercial and industrial applications. These transmitters can be used in a stand-alone or network configuration.

The SGM-E01 Gas Transmitters are able to detect a wide range of toxic and explosive gases. Catalytic sensors are used to detect hundreds of different gases from toxic and inflammable vapor concentrations to provide effective detection for a variety of different applications.

### Specifications

- Proven sensing technology
- 10-step LED display
- Stand-alone unit
- One-man remote calibration
- Field-proven protection
- Innovative and compact case design
- Easy installation and operation

### Options

- 4-20 mA and relay output
- Audible alarm and LCD display
- Network configuration with other model controllers

#### SPECIFICATIONS

##### SENSING TECHNOLOGY

Q2-type Sensor: Solid-state  
Electrochemical (Carbon Monoxide)

DISPLAY: 10-step LED, LCD

Visual Indicators: Failure Indication: Yellow LED  
(Available in network configuration only)

Normal Operation: Green LED

Relay Output Rating: 5A, 30V<sub>DC</sub> or 250 V<sub>AC</sub> (resistive load)

Audible Alarm: 65 dBA at 3 ft. / 1 m

Outputs: RS-485, \*4-20mA, \*Alarm relay

##### GENERAL SPECIFICATIONS

Size: 8.4 x 5.3 x 2.25 in. / 21.3 x 13.4 x 5.7 cm

Weight: 0.88 lbs/0.4kg

Power Requirement: 17-27 V<sub>AC</sub>, 24-38 V<sub>DC</sub>, 250 mA

Certified to UL and CSA standards

We reserve the right to change specifications without notice. 02/06

The future is clean air ... the future is **Sourcetec**<sup>®</sup>