

# EC 38

## Fixed Transmitter

Advanced transmitter for the detection of toxic gases and oxygen levels



EC 38 Standard version



EC 38 Ammonia with stack light

- Advanced transmitter for oxygen and a wide selection of toxic gases
- 24 VDC
- Available with stack light or standard version with horn strobe
- AutoCal® automatic calibration
- Alarm relays standard (low, high and fault)
- Linear 4-20 mA output signal
- NEMA 4X housing

The EC 38 transmitter uses advanced technology for the detection of toxic gases and oxygen levels. It is available in the standard version with horn strobe or with a stack light. This monitor has a NEMA 4X enclosure that makes the EC 38 suitable for the harshest environments.

### Simple and effective

Once you power up the units, they will accurately display values on the large LCD and transmit a linear 4-20 mA signal to a GfG controller. Autocal® automatic calibration and maintenance is done effortlessly through push buttons. Smart sensors allow the user to easily change ranges or gas types in the field without a need for additional programming.



**EC 38 Ammonia with Stack Light**

# Technical data

## EC 38

### Specifications:

Weight:	3.5 lb (1,588 g)
Power supply:	24 V DC / 200 mA
Output signal:	Linear 4-20 mA, max load 300Ω
Signal connection:	3 shielded wire x 18 AWG < 1,000 ft
Relays:	2 alarm point, 1 fault - voltage free Voltage: 250 V AC 50/60 Hz or 250 V DC maximum Current: 4 a AC/DC maximum
Temperature range:	-5 to +113°F (-15 to +45°C) (LCD will not operate below freezing)
Humidity range:	15 to 96% r.h. (non-condensing)
Pressure Range:	920 to 1,080 hPa
Display:	4 digit LCD (backlit) Power, alarm and fault LEDs
Detection method:	Diffusion

### Enclosure:

NEMA 4X

### Optional accessories:

Calibration gas, kits and regulators

### Warranty:

Three years on instrument and electronics.  
Two years on O<sub>2</sub>, CO and H<sub>2</sub>S. One year on  
all other sensors.

Refer to GfG complete warranty for details

More Info/Order From:

**Electronic Measurement Labs, Inc.**

Sales • Service • Support

24/7/365 Tech Support

**800-452-6822**

**"Best in Gas  
Detection"**

*Specifications subject to change without notification*



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Worldwide Manufacturer of Gas Detection Solutions

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