

# LC-8

## 8-Channel Gas Monitoring Controller



### PRODUCT HIGHLIGHTS

- Accepts up to eight 4-20 mA inputs for remote monitoring
- Simultaneously display readings for each channel
- Provides 24 VDC power
- Continuously monitors up to eight channels of gas detection
- Audio and visual alarms
- User programmable alarms and high capacity relays
- Easy to install wall-mount enclosure, IP65 rating

The LC-8 is an ambient air gas monitoring controller that provides simultaneous display and alarm functions for up to eight channels of gas detection. This instrument accepts 4-20 mA input from an array of ENMET sensor transmitter options for monitoring oxygen, toxic or combustible gases. The sensor transmitters can be located near the LC-8 controller or they can be wired remotely for monitoring up to eight different locations.

The LC-8 provides a continuous backlit digital display readout of the gas type and concentration for each sensor

transmitter, and has audio and visual alarms with two user programmable alarm levels for each channel. Additionally, there are 2 programmable relays per channel plus one common relay, which can activate remote safety or warning equipment such as exhaust fans, alarms or strobe lights.

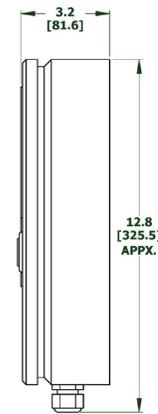
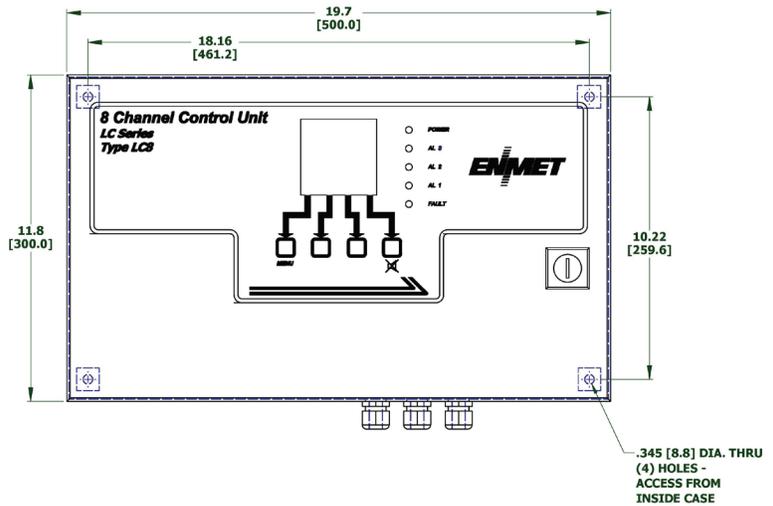
This system is easy to operate and designed for simple wall-mount installation. The LC-8 is a highly effective solution for providing up to eight points of gas monitoring for many applications, especially when reliable remote gas detection is required.

# LC-8

## GENERAL SPECIFICATIONS

<b>Display:</b>	High-contrast, backlit
<b>Visual Alarms:</b>	Red Alarm LED
<b>Visual Power/Fault:</b>	Green Power On LED; Yellow Fault LED
<b>Audible Alarm:</b>	Audio horn mounted inside the enclosure
<b>Alarm Levels:</b>	Two user programmable alarms per channel, plus one programmable common alarm
<b>Alarm Relays:</b>	Two per channel (1st & 2nd alarms); one common alarm; one fault condition. 5 amps, 240 VAC or 24 VDC
<b>Operating Power:</b>	100 to 240 VAC, 50/60 Hz and/or 18-24 VDC
<b>Inputs/Outputs:</b>	4-20 mA per channel
<b>Operating Temperature:</b>	14° to +122°F (-10° to +50°C)
<b>Enclosure:</b>	Steel, wall-mount, lockable IP65 rating
<b>Dimensions:</b>	19.7 W x 12.8 H x 3.2 D inches (50 W x 32.5 H x 8.1 D cm)
<b>Weight:</b>	17 lbs (7.7 kg)

## DIMENSIONS



LC-8 Controller

## ORDERING INFORMATION

Description	Part No.
LC-8, 8-Channel Controller	02626-108

**Contact ENMET for information on sensor/transmitters for monitoring a wide array of hazardous gases.**

**WARNING:** Loss of primary power renders continuous gas monitors inoperative. Contact factory for specifications and pricing for backup battery systems compatible with ENMET monitors.

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www.enmet.com

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Specification subject to change without notice

