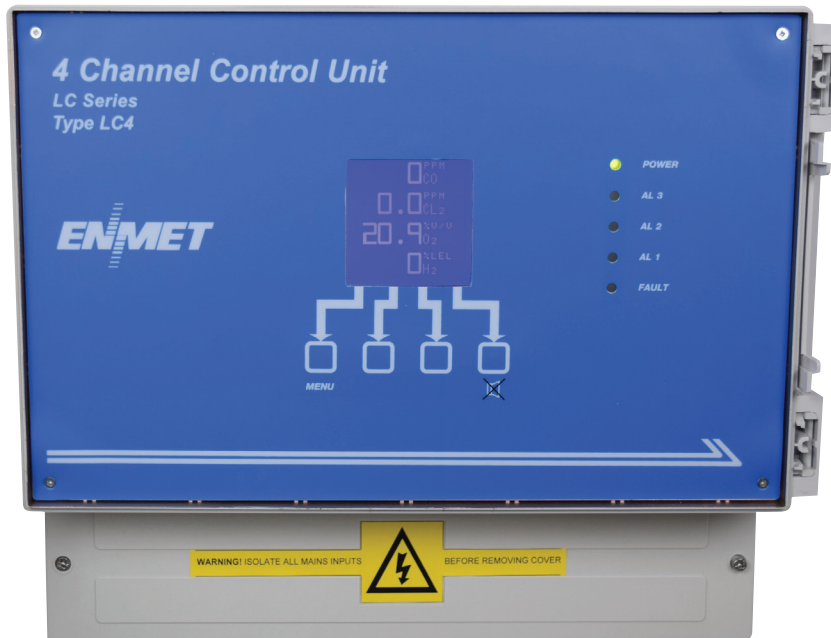


# LC Series Controllers

1, 2, or 4-Channel Gas Monitoring Controllers



## PRODUCT HIGHLIGHTS

- Can be configured to accept up to four 4-20 mA inputs for remote monitoring
- Provides 24 VDC power
- Three design options: 1, 2, or 4-channel configurations
- Audio and visual alarms
- User programmable alarms and high capacity relays
- Easy to install ABS wall-mount enclosure, IP65 rating

LC Series ambient air gas monitoring controllers can provide simultaneous display and alarm functions for up to four channels of gas detection. These instruments accept 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 controller or they can be wired remotely for monitoring up to four different locations.

LC Series controllers provide a continuous backlit digital display readout of the gas type and concentration, and have

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

These systems are easy to operate and designed for simple wall mount installation. LC Series controllers are a highly effective low-cost solution for providing up to four points of gas monitoring for many applications, especially when reliable remote gas detection is required.

# LC Series Controllers

## GENERAL SPECIFICATIONS

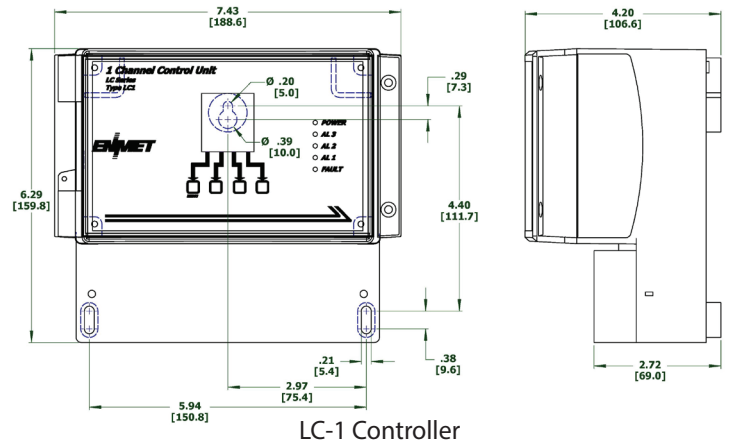
- Display:** High-contrast, backlit
- Visual Alarms:** Red Alarm LED
- Visual Power/Fault:** Green Power LED; Yellow Fault LED
- Audible Alarm:** Audio horn mounted inside the enclosure
- Alarm Levels:** Two user programmable alarms per channel, plus one programmable common alarm
- Alarm Relays:** Two per channel (1st and 2nd alarms); one common alarm; one fault condition. 5 amps 240 VAC or 24 VDC
- Operating Power:** 100 to 240 VAC, 50/60 Hz and/or 18-28 VDC
- Inputs/Outputs:** 4-20 mA per channel
- Operating Temperature:** 14° to +122°F (-10° to +50°C)
- Enclosure:** ABS, wall-mount, IP65 rating
- Dimensions & Weight:**
- LC-1:** 7.4 W x 6.3 H x 4.2 D inches, 2.2 lbs (18.8 W x 16 H x 10.6 D cm), (1 kg)
  - LC-2:** 11 W x 8.6 H x 6.1 D inches, 4.2 lbs (28 W x 21.8 H x 15.5 D cm), (1.9 kg)
  - LC-4:** 15.3 W x 12.4 H x 6.5 D inches, 8.2 lbs (38.8 W x 31.5 H x 16.5 D cm), (3.8 kg)

## ORDERING INFORMATION

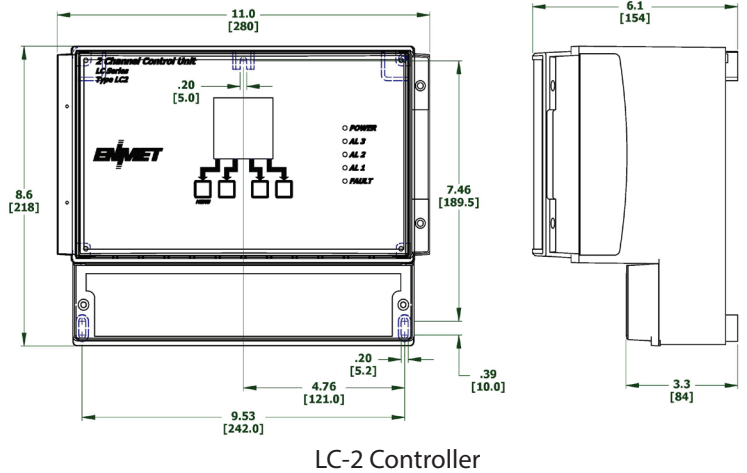
Description	Part No.
LC-1, 1 Channel Controller	02628-010
LC-2, 2 Channel Controller	02628-020
LC-4, 3 and 4 Channel Controller	02628-040

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

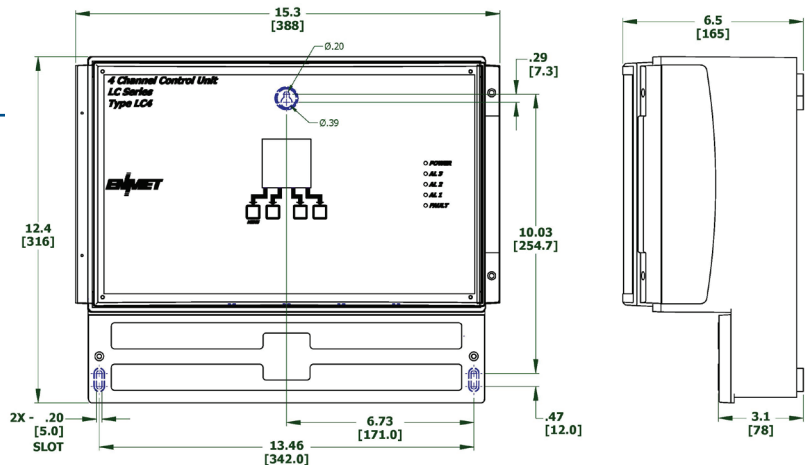
## DIMENSIONS



LC-1 Controller



LC-2 Controller



LC-4 Controller

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

680 Fairfield Ct., Ann Arbor, MI 48108  
 800-521-2978 or 734-761-1270  
 www.enmet.com

Lit. no. LC-Series 1,2,4-021121-V1  
 Specification subject to change without notice

