

LC Series

1, 2 OR 4-CHANNEL

WALL-MOUNT CONTROLLERS

**Accepts Up to Four 4-20 mA Inputs
From Remote Sensor/Transmitters**

The LC Series controllers are designed for monitoring remote 4-20 mA gas sensor/transmitters or similar devices. This instrument can be connected to any combination of up to four sensor/transmitters for monitoring oxygen, toxic or combustible gases. The system provides 24 VDC power, audio/visual alarms, relays and other features.



4-Channel Controller Shown

SPECIFICATIONS

Display:	Backlit 122 x 32 dot Liquid Crystal Display (LCD). Option for LC-4: LED Backlit 240 x 128 dot Liquid Crystal Display (LCD)
Inputs, up to Four:	4-20 mA, 2-wire or 3-wire
Alarm Levels:	2 user-programmable alarms per channel, and 1 common alarm
Audio Alarm:	
Visual Indicator:	Red Alarm LED, Yellow Fault Alarm LED, Green Power ON LED
Relays:	2 per channel (1st & 2nd alarms). 1 system common gas alarm . 1 system fault relay.
Relay Rating:	5 Amps, 240 VAC or 24 VDC
Outputs	4-20 mA per channel
Temperature Range	14° to 122°F (-10°C to + 50°C)
Power:	100-240 VAC or 24 VDC
Enclosure:	Standard ABS enclosure, for indoor use. Optional flame retardant polycarbonate housing suitable for outdoor use available, rated IP65.
Ingress Rating:	IP65, with optional enclosure
Size:	LC1: 7.4 x 6.3 x 4.2 inches, 2.2 Lbs (188 x 160 x 106 mm), (1Kg) LC2: 11.0 x 8.6 x 6.1 inches, 4.2 Lbs (280 x 219 x 156 mm), (1.9Kg) LC4: 15.4 x 12.4 x 6.6 inches, 8.2 Lbs (390 x 316 x 167 mm), (3.8Kg)

FEATURES

- **Digital Display of All Channels Simultaneously**
- **Use-Programmable Alarms and Relays**
- **4-20 mA Input, up to 4**
- **2 Alarm Relays per Channel, plus 1 Common Alarm Relay and 1 Fault Relay**
- **Audio/Visual Alarms**
- **100-240 VAC, 24 VDC Power Options**
- **Provides 24 VDC Power for Sensor/ Transmitter**
- **4-20 mA Output per Channel**
- **Designed for 24 VDC Battery Backup**
- **Simple Wall-Mount Installation**
- **Standard ABS Enclosure, Optional Flame Retardant Polycarbonate Housing Suitable for Outdoor Use Available, IP65 Ingress Rating**

