

CP-60

1, 2 OR 3-CHANNEL WALL-MOUNT CONTROLLER Accepts Up to Three 4-20 mA Inputs from Remote Sensor/Transmitters

The CP-60 controller is designed for monitoring remote 4-20 mA gas sensor/transmitters or similar devices. The instrument provides 24 VDC loop power, audio/visual alarms, alarm relays and other features.



SPECIFICATIONS

Display:	High-contrast dot matrix LCD with backlight. Up to 3 sections (1 per channel) Each section: 1 line, 8 character, 4 digit, 3 alpha, 1 space Name: 3 letter (A-Z), factory programmed Range: 0.00 to 9999, factory programmed
Inputs, up to three:	4-20 mA, 2-wire, 3-wire or 4-wire (consult factory)
Loop Power:	24 VDC provided
Alarm Levels:	2 user-programmable alarms per channel
Audible Alarm:	95 dB at 60 cm (24 inches), factory set to activate at Alarm 1, user adjustable
Visual Indicators:	Blinking red LED, Alarm 1, 1 per channel Solid red LED, common Alarm 2 Red Fault LED Green Power LED
Temperature Range:	5° to 104°F (-15° to +40°C)
Outputs:	Relays: 6 Form C, 10A SPDT contacts, 5 alarms and 1 fault Analog: 4-20 mA Digital: RS-485 Modbus
Connections:	Supplied with strain reliefs for 0.20 to 0.35 inch diameter cable for power and 4-20 mA inputs
Enclosure:	Thermoplastic box with clear, hinged front cover, designed for NEMA 12 and 4X.
Size:	10.5 H x 8.5 W x 5.8 D inches (27 x 22 x 15 cm)
Weight:	8 lbs. (3.6 kg)

FEATURES

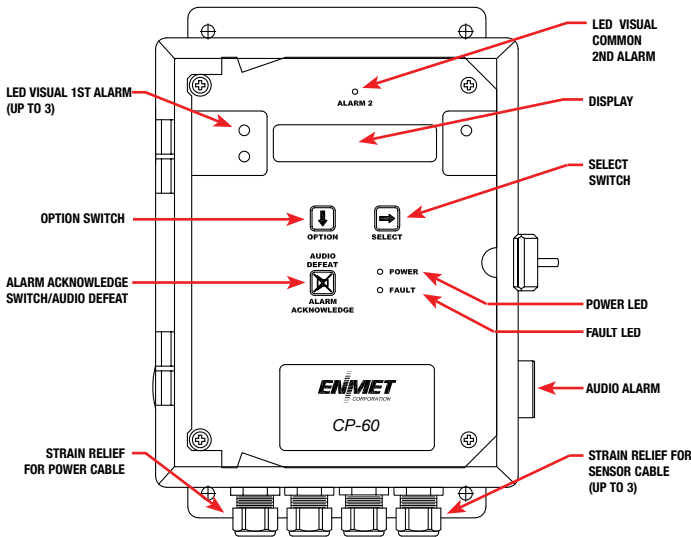
- Digital Display
- User-Programmable Alarms
- 2 Alarm Levels per Channel
- 4-20 mA Input, up to 3
- Audio/Visual Alarms
- 5 Alarm Relays, plus 1 Fault Relay
- 100-240 VAC, 12 VDC Power Options
- Provides 24 VDC Loop Power
- High-Capacity User-Programmable Relays
- High-Integrity Thermoplastic Enclosure
- 4-20 mA Output per Channel
- RS-485 Digital Communication Capability
- Designed for 12 VDC Battery Backup



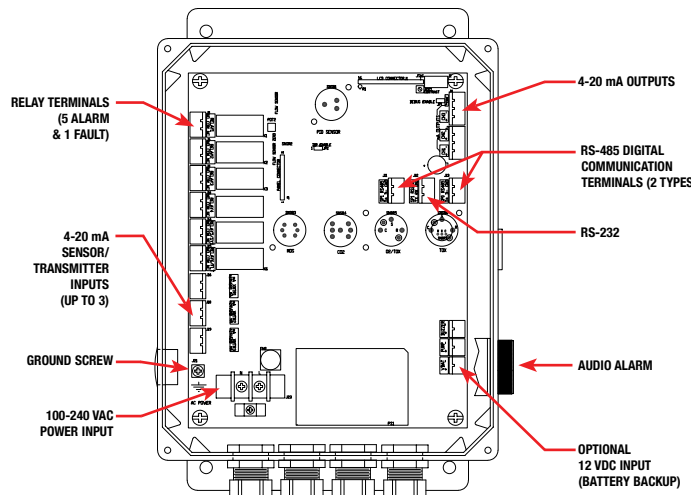
CP-60 1, 2 or 3-Channel Controller

CP-60

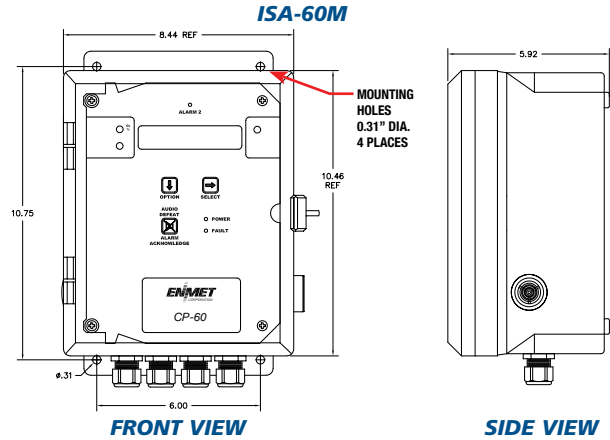
DIMENSIONS IN INCHES



EXTERNAL FEATURES



INTERNAL FEATURES



FRONT VIEW

SIDE VIEW

PROGRAMMABLE ALARM RELAYS

THE CP-60 HAS 5 ALARM RELAYS AND 1 FAULT RELAY. THE ALARM RELAYS ARE COMPLETELY USER PROGRAMMABLE. THE INSTRUMENT HAS THE POTENTIAL OF A MAXIMUM OF UP TO THREE 4-20 mA INPUTS (CHANNELS), WITH 2 ALARMS (Low, High) PER CHANNEL.

EXAMPLE			EXAMPLE		
TYPICAL 2-CHANNEL			TYPICAL 3-CHANNEL		
CH 1	ALARM 1	RELAY 1	CH 1	ALARM 1	RELAY 1
CH 1	ALARM 2	RELAY 2	CH 2	ALARM 1	RELAY 2
CH 2	ALARM 1	RELAY 3	CH 3	ALARM 1	RELAY 3
CH 2	ALARM 2	RELAY 4	CH 1-3	ALARM 1	RELAY 4
CH 1-2	ALARM 2	RELAY 5	CH 1-3	ALARM 2	RELAY 5

ORDERING INFORMATION

Instrument	Part No.
CP-60, 1-CHANNEL CONTROLLER	04651-001
CP-60, 2-CHANNEL CONTROLLER	04651-002
CP-60, 3-CHANNEL CONTROLLER	04651-003

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

SENSOR/TRANSMITTERS CONTACT ENMET FOR INFORMATION ON THESE AND OTHER 24 VDC, 4-20 mA SENSOR/TRANSMITTERS:



SE-5175, O₂, H₂ and ppm Toxic Gases



IR-6000, % LEL Combustible Gases



EX-5100, % LEL Combustible Gases



EX-5150-MOS, ppm or % LEL Hydrocarbons



SDS-97D, O₂, H₂ and ppm Toxic Gases

