

CP-10

Single-Channel Gas Monitoring Controller



PRODUCT HIGHLIGHTS

- **Accepts 4-20 mA input for remote monitoring**
- **RS-485 modbus digital communication capability**
- **Provides 24 VDC power**
- **Audio and visual alarms**
- **User programmable alarms and high capacity relays**
- **Easy to install compact design**

The CP-10 is a compact single point ambient air gas monitoring controller that provides simultaneous display and alarm functions for a single channel 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 transmitter can be located near the CP-10 controller or it can be wired remotely for monitoring in a different location.

The CP-10 provides a continuous backlit digital display readout of the gas type

and concentration, and has audio and visual alarms with three user programmable alarm levels. Additionally, there are three programmable relays which can activate remote safety or warning equipment such as exhaust fans, alarms or strobe lights.

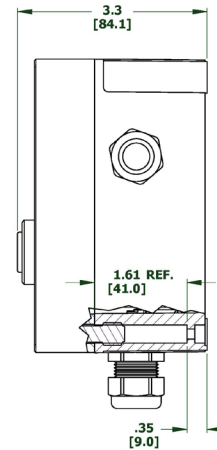
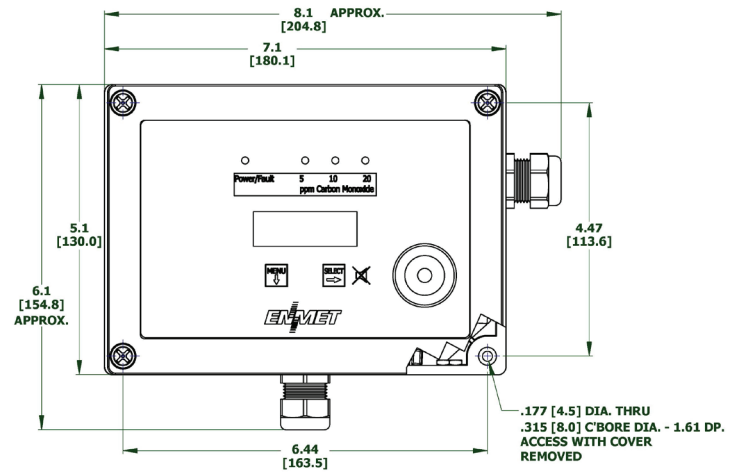
This system is easy to operate and designed for simple wall mount installation. The CP-10 is a highly effective low-cost solution for providing single point gas monitoring for many applications, especially when reliable remote gas detection is required.

CP-10

GENERAL SPECIFICATIONS

Display:	High-contrast, backlit
Visual Alarms:	Visual Gas Alarms: three red LEDs
Visual Power/Fault:	Green/Red LED
Audible Alarm:	105 dB at 30 cm (12 inches)
Alarm Levels:	Three user programmable alarms
Alarm Relays:	Four form C, 10A SPDT contacts, three gas alarms and one fault
Operating Power:	100 to 240 VAC, 50/60 Hz and/or 24 VDC, 15 Watts
Power Connection:	Supplied with strain relief for: 0.20" to 0.35" OD Cable
Inputs/Outputs:	Analog: 4-20 mA Digital: RS-485 Modbus
Operating Temperature:	5° to +104°F (-15° to +40°C)
Enclosure:	Polycarbonate
Dimensions:	8.1 W x 6.1 H x 3.3 D inches (20.5 W x 15.5 H x 8.4 D cm)
Weight:	2 lbs. (0.9 kg)

DIMENSIONS



CP-10 Controller

ORDERING INFORMATION

Description	Part No.
CP-10 Single Channel Controller	04640-001

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.

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

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Specification subject to change without notice

