

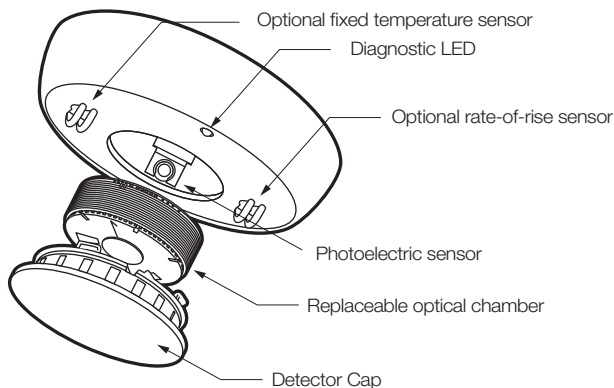
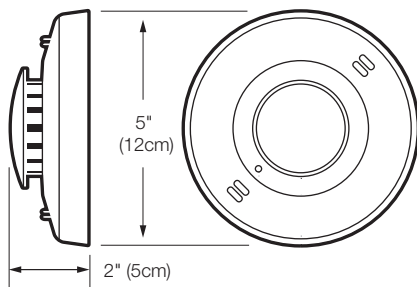


## Overview

C2M-PD Series self-diagnostic, two-wire smoke detectors are the industry's first conventional direct-wire smoke detectors with advanced features such as self diagnostics, drift compensation and multi-criteria sampling.

## Mounting and Installation

C2M detector bases mount directly to standard single-gang electrical boxes, three-inch round, or four-inch octagonal boxes. Detector heads simply twist onto the base. Heads are equipped with a break-away locking tab, which prevents unauthorized removal. Terminals accept 12 to 24 AWG field wiring.



## Standard Features

- Self diagnostics eliminates the need for external meters
- Fixed/rate-of-rise heat sensors work with photo chamber to catch fires faster
- Field-replaceable optical chamber makes service fast and simple
- Small, low profile design blends with any environment

## Ordering Information

Model	Description
C2M-PD1	2-wire, photoelectric, 12-24 Vdc
C2M-PDC	2-wire, photoelectric, 12-24 Vdc. CleanMe®
C2M-PDHRC	2-wire, photoelectric, 12-24 VDC, aux. relay, multi-criteria algorithms, fixed/rate-of-rise heat. CleanMe®

### Accessories

211-10 PKG Replacement optical chambers - pack of 10

## Ordering Information

Voltage (24 volt operation)	8.5 Vdc to 33 Vdc
Standby current	70 $\mu$ A
Alarm current	60 mA
Auxiliary relay contacts	2 A @ 30 Vdc
Alarm contacts	500 mA @ 36 Vdc
Photoelectric sensor sensitivity	3.1% (+0.5%, -1%)
Operating temperature	32° F to 100° F (0° C to 37° C)
Operating humidity	0% to 95% (non-condensing)
RFI immunity	20 V/m; 0-1000 MHz
Field wiring	12 to 24 AWG
Drift compensation	1.0%/ft. max.
Reset time	1 second (minimum)
Listings	UL, ULC

# Self-Diagnostic Photoelectric Smoke Detectors

## C2M-PD Series

