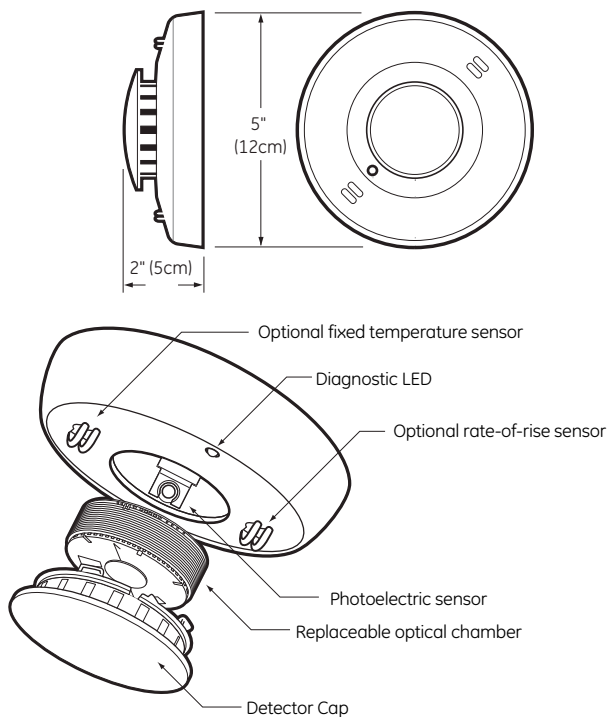


Overview

C2M-PDC 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	
401G	Test magnet in plastic shell for pole mounting
211G	Replacement optical chambers

Specifications

Voltage (24 volt operation)	8.5 Vdc to 33 Vdc
Standby current	70 µA
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

