

Conventional Optical Smoke Detector C-9102



Features and Benefits

1. Sensing chamber for exceptional dust proof ability
2. Built-in Remote Indicator Output
3. Twin LED for 360° vision
4. Low profile design

Description

With the technique of scattering, the detector's reliability, stability and consistency are improved. The special chamber design ensures the insert-defend, dirt-defend and anti-light disturbance.

The conventional type can be used directly with our conventional fire alarm panels. Using an interface (I-9319), it can be connected to our intelligent panels.

Technical Specifications

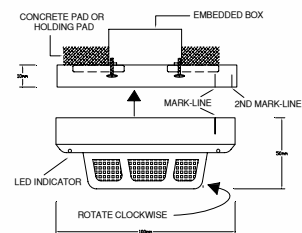
- Standard: EN54-part7
- Approval: LPCB,UL,CE
- Protection rating: IP 32
- Detecting Range: 80m² at 6-12meter ceiling height; and 60m² below 6meter
- Operating voltage: 24Vdc (9Vdc to 24Vdc) polarized
- Operating Current: Stanby: 0.1mA; Alarm: 8mA
- Operating temperature: -10°C to +50°C
- Relative humidity: 95%
- Application: Indoor use
- Material and colour: ABS, off-white
- Wiring: 1 pair polarized
- Dimensions: diameter 10cm; height 5cm

Selection of compatible Control Panels

Compatible with all GST Conventional panel and GST Intelligent Fire Alarm Panels using Zone monitor module:

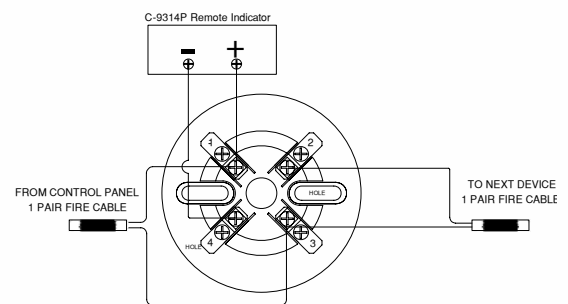
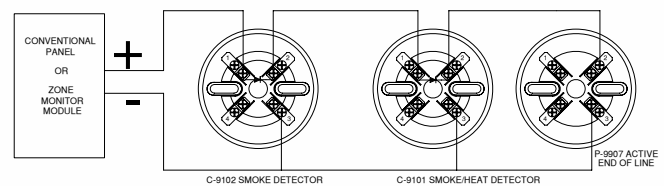
Detector Installation

It is installed onto a standard one gang electrical box with a mounting hole that have 6.5cm spacing. Point the detector in the base by the mark-line and secure the detector in that position by rotates it clockwise until it reaches the next mark line.



Wiring and Connection

Connect the wires to the required terminal according to the wiring diagram. Using active end of line can connect up to 15 detectors and base with diode. Using 4.7KΩ end of line resistor can connect up to 25 detectors. The cable must be fire rated type and the size depends on the distance and application. Minimum size gauge 1.0mm²(18 AWG).



Ordering Information:

Part No	Description	Weight /Kg	Pack Qty per Box
C-9102	Conventional Optical Smoke Detector	0.12	120
DZ-03	Detector Base -EOLR	0.05	360
DZ-03D	Base with Diode AOL	0.05	360

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Note: Specifications are subject to change without notice.

