



# 4 Wire Conventional Optical Smoke Detector

R-6601

## 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 detector is non-addressable and can start operation by applying DC power. It has a pair of output contact, which is broken in normal and closes and remains closed after alarming, and the indicator on the detector is lit. It can be reset after power cut. The detector adopts orientation base, with only one mounting mode.

## Technical Specifications

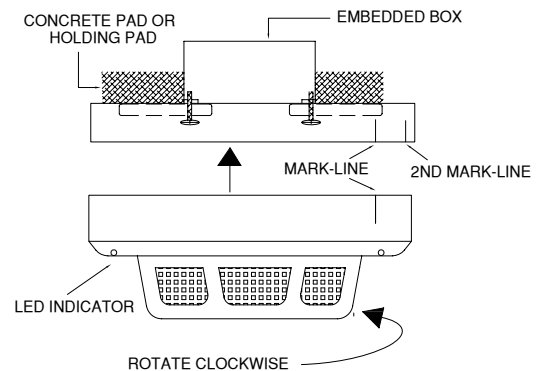
- Operating Voltage: 12V (9.6VDC~14.4VDC)
- Operating Current: Standby Current<1mA  
Alarm Current<20mA
- Alarm Reset: Instantaneous Cut-out (5s MAX, 2.5VDC MAX)
- Power-up Time≤10s
- Response Threshold: 0.10dB/m-0.21dB/m
- Output Control Mode: Passive normally open, closes and self-locks after alarming, and contact rated capacitance (1A, 30VDC)
- Indicator: Red, not lit in normal operation, and constantly lit when alarming.
- Monitoring Area: When space height is 6m-12m, the monitoring area of a detector is 80m<sup>2</sup> for normal protection area; When space height is less than 6m, it is 60m<sup>2</sup>.
- Operating Environment: Temperature: -10°C+50°C@95%
- Ingress Protection Rating: IP23
- Material and Color of Enclosure: ABS, ivory white
- Weight: 119g
- Mounting Hole Distance: 45mm~75mm
- Wiring: 2 pair polarized
- Dimensions: diameter 10cm; height 5cm

## Features and Benefits

- 12 Vdc power conventional detector
- Built-in N/O contact
- Sensing chamber for exceptional dust proof ability
- Single LED
- Low profile design
- Suitable for security system

## 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

The cable must be fire rated type and the size depends on the distance and application. Minimum size gauge 1.0mm<sup>2</sup>(18 AWG).

## Ordering Information



**Part Number:** R-6602

**Description:** Conventional Optical Smoke Detector, 12 VDC Power, N/O relay Output

**Weight / Kg.:** 0.123

**Pack Qty. per Box:** 100

## Accessories



**Part Number:** DZ-03

**Description:** Standard Detector Base

**Weight / Kg.:** 0.050

**Pack Qty. per Box:** 300

