



# TXC7101

## Conventional Smoke Detector

### Feature and Benefits

- Aesthetically pleasing low profile design
- Low power consumption, simple to use
- Higher reliability ensured by auto drift compensation
- Enhanced capacity of interference resistance by multilevel wave filters
- Fully-sealed PCB board protection process

### Overview

TXC7101 Conventional Smoke Detector (hereinafter referred as smoke detector) uses advanced micro-programmed controller unit (MCU) technology to realize auto compensation for external environment data drift and fire confirmation. It is suitable for hotel, restaurant, computer room, bank, shopping mall, warehouse, museum, library and office building etc.



## Technical Specification

Operating Voltage

DC24V $\pm$  20%

Operating current

Standby  $\leq$  0.15mA

Indicator: Monitoring

Alarm: 28mA

Red, flashes periodically

Action: Red, stays on

Mal-function: off or flashes irregularly

Operating Environment

Temperature: -10 $^{\circ}$ C ~ 50 $^{\circ}$ C

Relative Humidity:  $\leq$  95%RH, no condensing

Color

White

Weight

97g(with base)

## Installation and Wiring

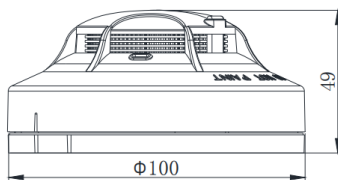


Fig 1 TxC7101 Appearance

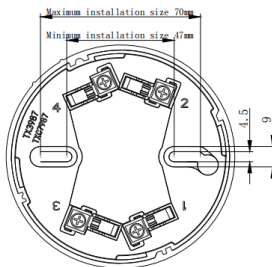


Fig 2 TxC7987 Mounting Dimension

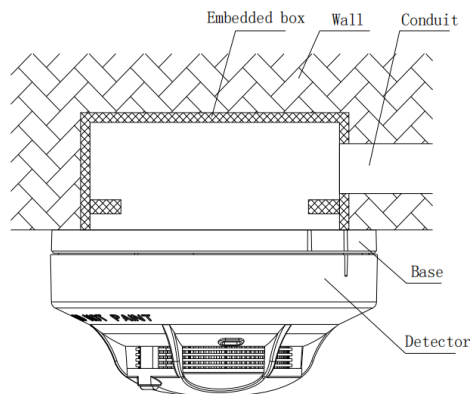


Fig 3: TxC7101 Installation Drawing

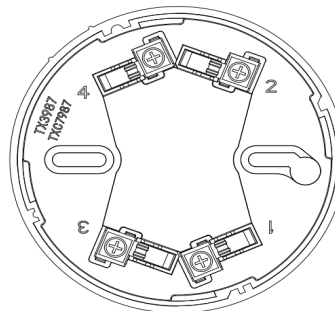


Fig 4: Single TxC7101 wiring



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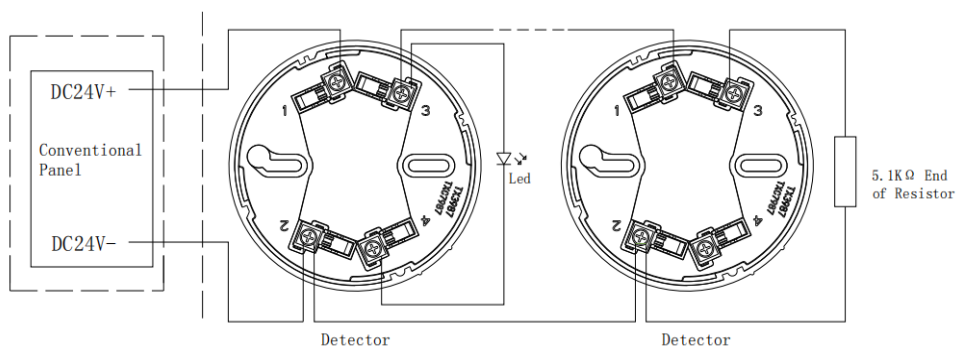


Fig 5: Multiple TXC7101 Wiring

#### Terminal Description

DC24V : 1(+) and 2(-) from panel or module,  
 3(+) and 2(-) connect to next detector.  
 Led(optional): 3(+) and 4(-). (without connecting resistor outside)

