

Conventional Ultraviolet Flame C-9104



Features:

1. Not sensitive by sunlight
2. Dust /corrosion/humidity resistance
3. Secure and speedy communication
4. Standard calibration set to detect a 3cm flame at 6metres
5. Effective range 12 metres
6. 110° effective detection dispersion angle
7. Twin LED for 360° vision

Description:

The C-9104 Conventional Ultraviolet Flames Detector is fast and capable to detecting the ultraviolet (UV) rays emitted by a burning substance and is used in high hazard applications such as petrochemical plants, munitions factories and other areas where flammable or explosive liquids or solids are handled or stored. The C-9104 sensor adopts an ultraviolet photosensitive tube, with qualities of highly sensitive, reliable, dust-resistant, corrosion-proof and moisture-resistant, therefore is not sensitive in sunlight, dust, oil, tolerance of fume, and humidity.

Technical Specifications

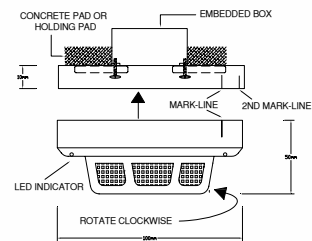
- Protection rating: IP 32
- Operating voltage: 24Vdc
- Operating Current:
 - Standby current 1.5mA
 - Alarm Current 10mA
- Operating temp:-10°C to +50°C
- Relative humidity: 95%
- Application: Indoor use
- Detection angle: 80 degree
- Visual Indicator: LED, Red (lit steady when alarm)
- Material and 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:

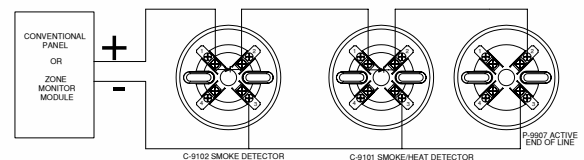
Detector Installation

The flame detector should be installed in compliance with all local codes and / or NFPA 72 National Fire Alarm Code, NFPA 70 National Electrical Code. Verify the proper wiring and base is firmly mounted to prevent detector damage before the installation. 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 with matching active end of line (P-9907).and (DZ-03D) required base is The cable must be fire rated type and the size depends on the wiring distance. Minimum size gauge 1.0mm²(18 AWG)



Ordering Information:

Part No	Description	Weight/Kg	Pack Qty per Box
C-9104	Conventional Ultraviolet Flame Detector	0.123	120
P-9907	Active End of Line	0.100	150
DZ-03D	Diode Conventional Base	0.050	360

MANUFACTURED IN ACCORDANCE WITH



Note: Specifications are subject to change without notice.