

NITTAN FIRE ALARM SYSTEM

CATALOGUE No.

FA5002

Flame Detector

DESCRIPTION

The model NFD-68-P is a clean-styled low profile flame detector which sense the ultra-violet rays emitted by flames.

It is used principally in area considered to be of high risk where naked lights could be danger i.e. storage of flammable liquid. The detector is very sensitive to U.V. rays and special consideration has been given to reduce false alarm. This is done by microprocessor by which the detector judge the fire.



ADVANTAGES

- Low supervising current-Typical $120\mu\text{A}$
- Wide supervising angle-enables wide covering area by one detector.
- High reliability, Long life.
- No polarity allows simple wiring connection.
- Indication lamp lights when detector is activated.
- Indication lamp flickers when detector in trouble.

SPECIFICATION

Detector Acceptance Angle : 100°

Voltage Rating: 24V DC Filtered or Unfiltered

Operating Voltage: 10V to 30V DC

Operating Current: Supervising - 120 μ A Max.
Alarm - 65mA L~C
100mA P+C

Initial Start Up Current: 500 μ A Max. for initial stabilizing time

Initial Stabilizing Time: 10 second Max.

Operating Temperature Range: -10°C to +50°C

Ambient Humidity: 0 to 90%

Type of Sensor: U.V. Tron

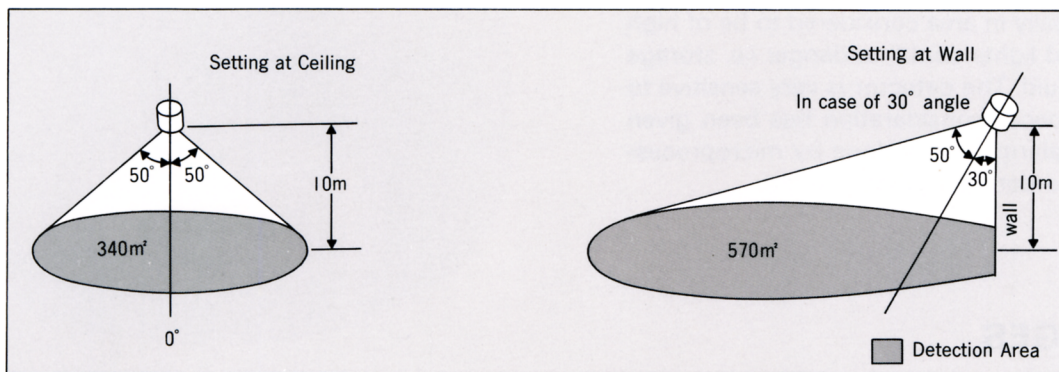
Detection Wave Length: 185 to 260nm

Body Material: ACS

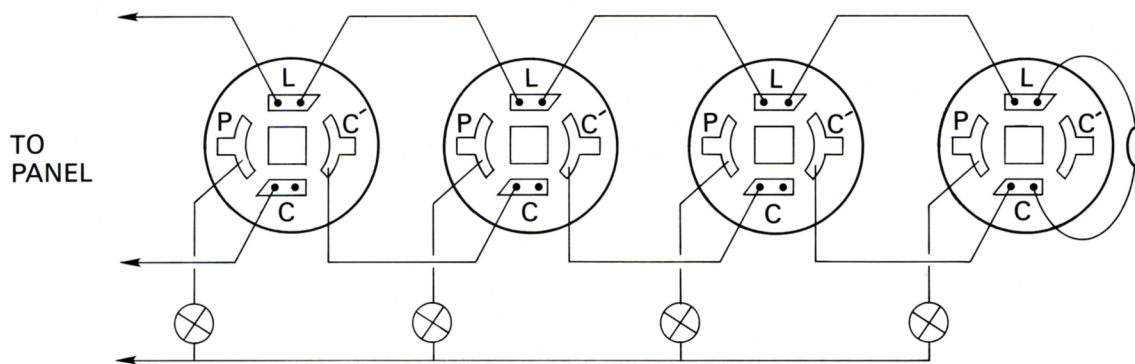
P-Terminal is provided for the connection of a remote lamp

Mass: Head 0.10kg. Base 0.05kg

DETECTION RANGE



WIRING INFORMATION



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