



DOCUMENTATION

- The Detector is Photoelectric Smoke Detector. It was Designed on theory in which the light emits differensively to various directions when reflecting onto the smoke cell.
- Soon as the detector sensors the desired density of the Smoke, after several times of confirmation as a flame smok, it then transfers into signal and transmits to signal receiver or control disc to change the fire alarm or activate the equipment of fire resistance gate and smoke expellantion value.

FEATURES

- For security system.
- Two-wire low current design 16-32 VDC range
- Base options for supplementary relay, and / or remote indicator, 2-wire and 4-wire applications.
- Signal source : Highly reliable LED light sources and photodiode sensors are used.
- The integrated wiring system was designed since 1990

SPECIFICATIONS

Model No	CL-180
Input Voltage	16V -32 VDC (DC 24V)
Alarm Current	60mA (MAX)
Standby Current	60 u A average, 90 u A peak @ 24VDC
	40 u A average, 60 u A peak @ 16VDC
Environmental Temperatur	30 F - 140F
Relative Humidity	0 - 95% RH
Sensitivity	Nominally set at 10% / 50 cm
Aux Relay	0.5A @ 120 VAC / 1A@ 24VDC

DETECTOR STRUCTURE

Appearance	Weight	Diameter	Height
Ivory	170 g	10.6 cm	5 cm

EFFECTIVE WARNING AREA

Height above the ground	Below 4M	4-8 M	8 - 15 M
Building	100M ²	50M ²	30M ²

* Detector operating chart

