Smoke Sensor

The sensor is an ultra-thin intelligent analog photoelectric smoke detector with modern technology and a built-in special processing chip. The sensitivity of the sensor can be set individually by software in the detector according to the different environments on site, and the change in smoke concentration of the detector on site is displayed continuously in analog form on the controller; the sensor has good protection against insects and dirt and is resistant to electromagnetic radiation interference.

Main features and technical parameters

- Ultra-thin design with a beautiful appearance;
- Advanced ultra-thin smoke extraction chamber and excellent signal-to-noise ratio;
- Good resistance to strong air currents, up to 20 m/s wind speed without the false alarm (wind resistance);
- 2-bus system, polarised, more than decimal address dip switch on the bottom of the detector;
- Sealed against dust, vermin, and back pressure;
- Special shielding measures for high interference immunity;
- Direct address dialing in decimal easy to handle;
- Dual LED display, viewable from 360 degrees in any direction;
- The flashing state of the LED is controlled by the controller, which allows the detector to flash or not to flash in the monitoring state and to stay on in the alarm state;
- Sensitivity test holes and magnet test for easy field testing and inspection;
- Sensitivity can be tested on-site or remotely on the controller;

- Integrated electronic circuit, easy to replace and repair on site;
- The top cover can be removed for partial cleaning, making on-site maintenance simple and easy;
- Operating voltage:15-32VDC;
- Static current: less than or equal to 230μA (24VDC);
- Alarm current: 6.5mA (constant light at 24VDC);
- Ambient temperature:-10~50 degree Celsius;
- Humidity range:5%~95%RH No condensation;
- Airflow: 20m/s (wind resistance);
- Dimensions:Diameter*Height=102mm*35mm;
- Weight:102g.