

## AT-FA-ASD102

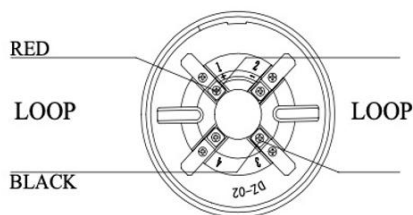
### Addressable Smoke Detector



**AT-FA-ASD102** The Addressable smoke detector set new standards in fire detection technology. The detector is characterized unique construction, stable & reliable performance. It works better in detection fire reliably & reducing loss when used with smoke detectors.

#### Cable Recommendation

1.0mm<sup>2</sup> or above twisted pair cable is recommended, All cables should be subject to local codes



These are four terminals with marks on the base.

1. Positive in
2. Positive out
3. Negative in and out
4. Mounting only, no connection

The base is suitable to be installed onto standard European embedded back box, with hole distance 45mm to 75mm

- **Photoelectric Smoke Detector**
- **Integrated algorithm for analyzing fire, improving the sensitivity highly**
- **Drift compensation to suit environment changing extensively**
- **Unique chamber design well protection from insects, dust and light interference**
- **Removable sensing chamber, easy for maintenance**
- **Self-diagnostic**

#### Technical Specification

Operating Voltage	Loop 24V (16V~28V)
Standby Current	≤0.8mA
Alarm Current	≤1.8mA
Indicators	Red. Flashes in normal condition, and Illuminates in alarming
Programming Method	Electronically Programming
Code Range	One address within 1~242
Wiring	Non-polarized 2-core for loop.
Protection Area	80m <sup>2</sup> when the space height is 6m~12m, or an area of 60m <sup>2</sup> when the space height is less than 6m.
Ingress Protection Rating	IP23
Ambient Temperature	-10°C ~ +55°C
Relative Humidity	≤95%, no condensation
Material and Color of Enclosure	ABS, ivory white
Mounting Hole Distance	45mm~75mm
Weight	About 120g
Dimensions	103mm (D) x 55mm (H) With Base