

## Series 700 Smoke Detector

MODEL: AS-701-SD

The conventional smoke detectors are designed to work with all conventional Panels. These detectors are low profile and have dual LED's for 360° visual indication. The blinking LED's indicate normal operating conditions whereas the steady state to indicate fire status. It has an unique protocol chamber designed to sense smoke produced by wide range of sources of combustion. It has a unique drift compensation feature where in the detector adjust sits normal reference based on environment conditions.

### Features

- Easy installation and maintenance
- Dual LED's for 360° visibility.
- Advanced detection technique.
- Easy to install.
- Sleek low-profile housing design.
- Regular 100mm base.

### Technical Specifications :

- Operating Voltage                    12~28VDC.
- Reset Voltage                            Less than 1V.
- Standby Current                        100-120µA.
- Start up Time                            60 Sec.
- Alarm Current                            28mA(max).
- Remote Output                         15mA maximum open collector.
- Smoke Sensitivity                      (1.96±0.76)%/ft obscuration
- Air Velocity                                0-4000fpm.

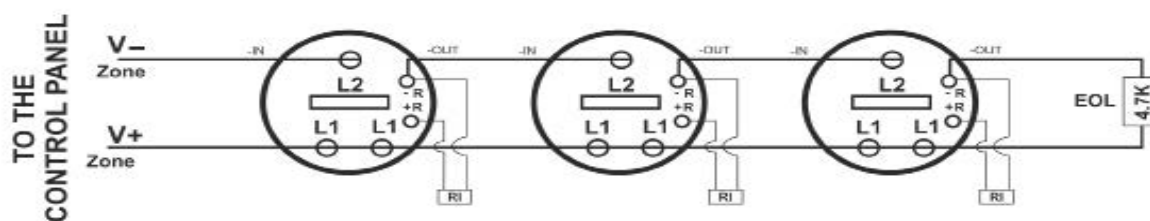


- Operating Temperature -10°C to 37.8 °C
- Storage Temperature -10 °C to 60 °C.
- Humidity 0-95%RH,non-condensing.
- Blinking Cycle 15Sec.
- Installation Space 7 meters.

### Machnical Specifications :

- Dimension 46 H x100 D (mm) Approx
- Weight 130g with base Approx
- IP Rating IP42

### Wiring Diagram:



### Notice:

1. The detector can not be installed under worse environment e.g. Coldest and dusty. Do not remove the dust proof cover until use the detector.
2. Make sure that there is no block within 0.5m form detector .
3. Keep the distance between detector and wall more than 0.5m.
4. Detector should be install Horizontally. If need, to be installed slantingly please keep the angle less than 45 degrees.
5. Make sure the distance between detectors be less than 3.5m. And the distance between detector and corner must be less than half of the one between detectors.
6. Detectors base be installed solid. Wire connection must be reliable.
7. Recommendations should be carried out every six months a simulated fire test, the detectors are working properly.
8. For various reason like change in environmental condition, electric disturbance and tampering, the product may not perform as expected. The user is advised to take all necessary precautions for his/her safety and protection of his/her property.