

TSD-5135

Optical Smoke Detector with Relay Output

TSD-5135 is one of Teknim's most widely used detector and it is used for burglar alarm systems, smart home systems, etc. to detect and inform the fire. It is a relay smoke detector with dry contact alarm output structure that can work in harmony with 3rd party systems. The detector has several software algorithms developed to minimize false alarms. In case of contamination in extremely dusty environments, the smoke chamber can be easily removed and cleaned. TFA-0120 base is fully compatible with the detector. TSD-5135 is certified with EN54-7 according to European standards.

General Features

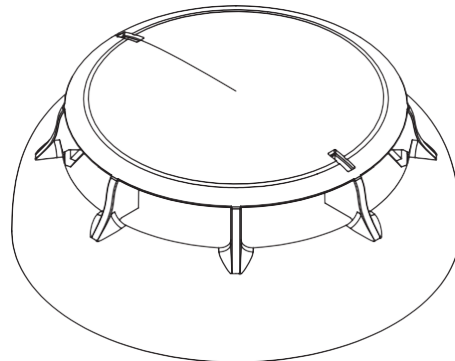
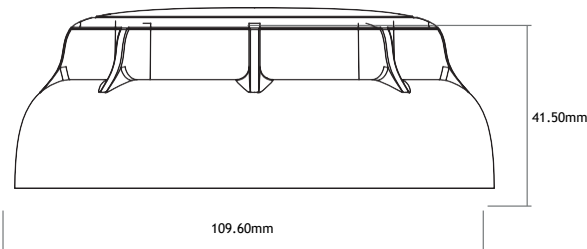
- Certified to EN 54-7
- Two dual-color LEDs for 360° visibility and status indication
- Capable of providing contamination warning
- Adaptive protection that continuously samples the environment to prevent false alarms
- Software algorithms that distinguish external factors likely to trigger alarms
- Metallic mesh to prevent insects, flies, and foreign objects from entering the smoke chamber
- Easy-to-clean smoke chamber



EN 54-7

Technical Specifications

| | TSD-5135 |
|-----------------------------------|-------------------------|
| Standard | EN 54-7 |
| Operation Type | Optical |
| Smoke Detection Level | ~0.15 dB/m |
| Alarm Output | NC Dry Contact / 1A-10W |
| Electrical | |
| Power Supply | 10-18VDC |
| Standby Current | 10mA |
| Alarm Current | 10mA |
| Startup Time | 15 seconds |
| Mechanical | |
| Weight (Including/Excluding Base) | 183g / 125g |
| Dimensions (mm) | Ø110, h42 |
| Material and Color | ABS, White |
| LED Notification | |
| Red | Alarm |
| Blue | Status |
| Environmental | |
| Operating Temperature | -10°C ~ 55°C |
| Humidity | 95% RH (max) |
| Protection Class | IP30 |



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