

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.

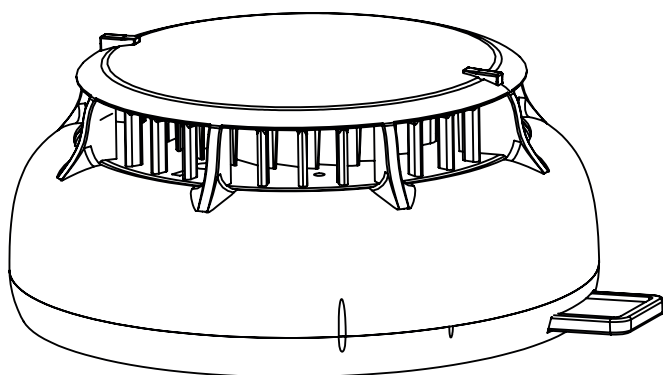
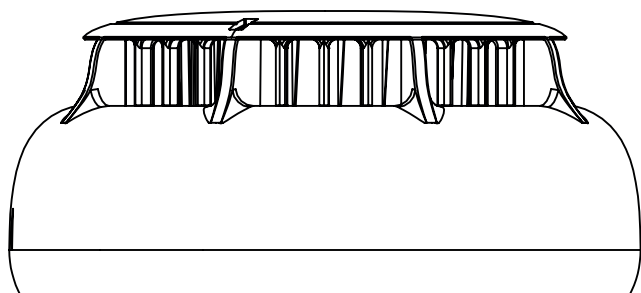
The detector has several software algorithms developed to minimize false alarms. In case of contamination in extremely dusty environments, the smoke chamber can be easily removed and cleaned. TFA-0120 base is fully compatible with the detector.

TSD-5135 is certified with EN54-7 according to European standards.

EN-54-7

GENERAL FEATURES

- EN54-7 Certified
- Support for two different LEDs for 360 ° viewing
- Two different LED colors for Error and Alarm status (Blue / Red)
- Rejecting temporary signals that can be detected as alarms
- Easy to clean smoke chamber



Technical Specifications

TSD-5135

Standard	EN54-7
Operation Type	Optical
Smoke Detection Level	~0,15db/m
Alarm Output	NC Dry Relay Output

Electrical

Power	10-18VDC
Standby Consumption	10mA
Alarm Consumption	10mA
Start Time	15sn.

Mechanical

Weight (Including / Excluded Base)	183gr / 125gr
Dimensions (mm)	Ø110, h42
Body Material and Color	ABS White
LED Indicator	Red: Alarm, Blue: Status

Environmental

Operating Temperature	-10°C ~ 70°C
Humidity	95% RH (max)
Protection Class	IP30