

## TFD-3250

# CONVENTIONAL MULTI DETECTOR (OPTICAL SMOKE AND HEAT)

EN-54-5

EN-54-7



TFD-3250 Conventional Optical Smoke + Heat Detector uses optical and heat sensing technologies. Detector has a series of algorithms developed to minimize faulty detecti-

ons. It can provide pollution warning; smoke chamber can be easily cleaned

### GENERAL SPECIFICATIONS

- EN54-7 and EN54-5 Certified
- Detects smoke particles in the environment via Light Scatter principle and generates alarm
- Detector also works as A2S class
- 2 LED indicators enabling 360° view
- Two different colors of indication by LEDs to individually display error and alarm conditions (Blue/Red)
- Metallic cage and special protection circuit elements to increase EMC and LVD resistance and to prevent associated faulty alarms
- Special software algorithms to eliminate sudden dust, smoke, etc. external factors that may result in faulty alarms
- Metallic cage preventing entrance of bugs, flies and foreign objects into detector sensing chamber
- Advanced pollution algorithm that continuously measures pollution level and warning the user from detector and panel screen for stable and accurate operation
- Insert type contact structure eliminating non-contact problems
- Parallel indicator connection option
- Easy to clean smoke chamber
- Aesthetic and elegant design fits any environment
- Compatible with any brand of conventional fire panel

### TFD-3250 Technical Specifications

Standard	EN54-5, EN54-7
Operating Type	Optical / Heat
Detection Level	(~ 0,15db/m) A25 (55-70°C)
Device Type	A
Power	18V(min) – 30V(max)
Average Consumption	30uA (@24V)
Alarm Consumption	50mA (@24V)
Indicator Current	10mA (@24V)
Starting Time	15 sn.
Weight (Include Base / Not)	183/125gr.
Dimensions (mm)	Ø110, h42
Body Material and Color	ABS Plastic – White
Cable Type	0.4mm <sup>2</sup> ~ 1.5mm <sup>2</sup>
Alarm Indicator LED	RED
Status LED	Blue
Operating Temperature	-10°C +70°C
Humidity	95% RH
Protection Class	IP30

