TFD-1271

Intelligent Addressable Multi Detector (Optical Smoke and Heat) with Built-in Isolator

TFD-1270

Intelligent Addressable Multi Detector (Optical Smoke and Heat)





EN54-5 EN54-7 EN54-17 EN54-13

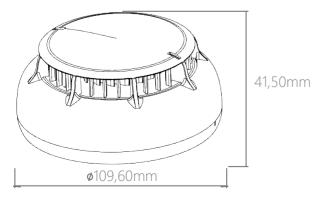
TFD-1271 and TFD-1270 detectors are uses combination of optical and heat detection technologies to sense fire and it can be connected two-wired loop circuit carrying both data and power. It uses FlashLink communication protocol to communicate Teknim Addressable control panels.

It has a series of algorithms to minimize faulty detections and provide pollution warning. Sensitivity levels are adjustable through control panel or configuration software. Smoke chamber can be easily removed for cleaning in case of possible pollutions in excessive-ly dusty environments.

The operating logic of the detector can be selected from the control panel or software. Detector can be work as "Only Smoke", "Only Heat", "Smoke and Heat", "Smoke or Heat".

GENERAL FEATURES

- EN54-7, EN54-5 and EN54-17 Certified
- Detector supports optical smoke and heat sensing technologies
- Detector can be operating in 4 different types. Only Smoke, Only
- Heat, Smoke and Heat, Smoke or Heat
- Supports built-in Isolator (TFD-1271)
- Supports 2x LED indicators enables 360° view
- Supports Three different colors of indication by LEDs to individu ally display Status, Fire Alarm, Short-Circuit and Pollution (Blink Blue/Red/Fixed Blue/Yellow)
- 3 different detection sensitivities adjustable from the control panel and configuration software (High, Medium, Low)
- Special software algorithms to eliminate sudden dust, smoke, etc. which may cause faulty alarms
- Adaptive protection preventing faulty alarms by sampling the environment continuously
- Advanced pollution algorithm that continuously measures pollution level and warns the user from detector and panel
- Supports remote indicator connection terminals
- Easy to clean smoke chamber
- Aesthetic and elegant design fits any environment
- Optional Label apparatus can be installed to the bottom of detector base view detector address from distance



| Technical Specifications | TFD-1271 | TFD-1270 |
|-----------------------------|--|------------|
| Standard | EN 54-5 / 7 / 17 | EN54-5 / 7 |
| Operating Type | Optical / Heat | |
| Built-in Isolator | Yes | No |
| Detection Level | H:0,12 – m:0,15 – l:0,18 dB/m A2S (Between 55°C-70°C) | |
| Power | 18-32VDC | |
| Average Consumption | 80µA@32V | |
| Alarm Consumption | 3mA | |
| Indicator Current | 10mA | |
| Starting Time | 15sec | |
| Weight (Include Base / Not) | 183gr / 125gr | |
| Dimensions (mm) | Ø110, h:42 mm | |
| Body Material and Color | ABS Plastic – White | |
| Alarm Indicator LED | RED | |
| Status LED | Blue | |
| Isolator LED | Yellow | No |
| Operating Temperature | -10°C ~ 70°C | |
| Humidity | 95% RH | |
| Protection Class | IP30 | |

