TFD-4250

Conventional Multi Detector (Optical Smoke and Heat)

TFD-4250 Conventional Multi Detector uses optical and heat sensing technologies to detect fire condition. Detector has a series of algorithms developed to minimize faulty detections.

General Features

• LPCB Approved
• EN54-7 and EN54-5 Certified
• Detects Smoke Particles in the Environment via Light Scatter Principle
• Detector Classified as A2S for Heat Detection
• Supports 2x LED Indicators Enables 360° view
• Two Different Colors of Indication by LEDs to Individually Display Error and Alarm Conditions (Blue/Red)
• Special Software Algorithms to Eliminate Sudden Dust, Smoke, etc. Which May Cause Faulty Alarms
• Supports Parallel Indicator Connection Terminals
• Easy to Clean Smoke Chamber
• Aesthetic and Elegant Design Fits any Environment
• Compatible with any Brand of Conventional Fire Panel

EN 54-5   EN 54-7

Technical Specifications

	TFD-4250
Power Input	18V(min) – 30V(max)
Average Current Consumption	30uA (@24V)
Maximum Alarm Current	50mA (@24V) – (470ohm resistance limited)
Maximum External Device Current	10mA (@24V) – (2K2 resistance limited)
Operating Temperature Range	-10°C ~ +55°C (14°F ~ 131°F)
Humidity	95% RH (max)
Dimensions (mm)	Ø110, h42
Housing Material	White Color, ABS Plastic
Used Cable Cut	0.4mm ² ~ 1.5mm ²
Weight (incl. Base / excluding base)	183 gr / 125 gr
Startup Time	15 sec