

TFD-4230

Conventional Optical Smoke Detector



1692a/01



0832-UKCA-CPR-F1393



EN54-7

TFD-4230 Conventional Optical Smoke Detector uses advanced Light Scatter technology to detect smoke entering in its chamber. Detector provides maximum level of protection with its advanced optical sensing technology. It has a series of software algorithms to minimize faulty detections and to provide pollution warning. Smoke chamber can be easily removed for cleaning in case of possible pollutions in excessively dusty environments.

GENERAL FEATURES

- LPCB Approved
- EN54-7 Certified, CE and UKCA Listed
- Detects Smoke Particles in the Environment via Light Scatter Principle
- 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 Remote Indicator Connection
- Easy to Clean Smoke Chamber
- Aesthetic and Elegant Design Fits any Environment
- Compatible with any Brand of Conventional Fire Panel

Technical Specifications

TFD-4230

Standard	LPCB, EN54-7, UKCA, CE
Operating Type	Optical
Detection Level	0,15 dB/m
Power	18-30VDC
Average Consumption	30µA@24V
Alarm Consumption	50mA @24V (Limited with 470Ω)
Indicator Current	10mA @24V (Limited with 2K2Ω)
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
Operating Temperature	-10°C ~ 55°C
Humidity	95% RH
Protection Class	IP30

