

TFD-4230

Conventional Optical Smoke Detector

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.



EN 54-7

General Features

- Advanced smoke detection algorithm that minimizes false alarms
- Rejection of transient signals that can be detected as alarms
- Adaptive intelligent protection by constantly sampling the environment
- Dust algorithm and warning to understand that it is getting polluted and unable to detect
- Easy to clean smoke chamber
- Ability to connect an remote indicator
- Two leds used for status indicators
- 15s start time
- Compatible with TFA-0120 Universal Detector Base

Technical Specifications

	TFD-4230
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

