TFD-4030
Conventional Optical Smoke Detector

TFD-4030 Conventional Optical Smoke Detector utilizes advanced light scatter technology for reliable smoke detection. Its optical sensing system ensures a high level of protection, supported by intelligent software algorithms that reduce false alarms and provide early pollution warnings. The smoke chamber is designed for easy removal and cleaning, ensuring long-term performance even in dusty environments.
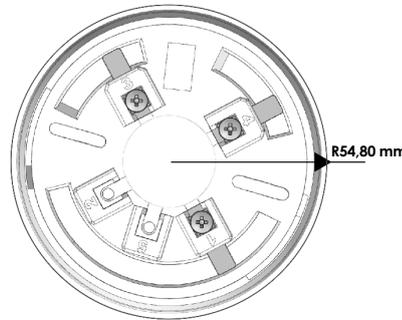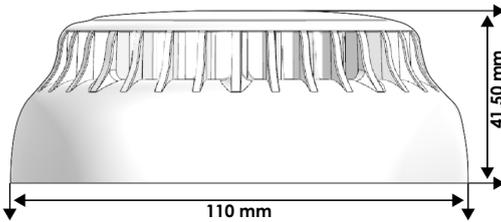
General Features

EN 54-7

- Advanced smoke detection algorithm that minimizes false alarms
- Rejection of transient signals that can be detected as alarms
- Dust algorithm and warning to understand that it is getting polluted and unable to detect
- Easy to clean smoke chamber
- Supports 2x LED status Indicators Enables 360° view
- Up to 25s startup time
- Compatible with conventional fire panels of any brand
- Normal operation confirmation via heartbeat LED blinking every 20 seconds
- Compatible with TFA-0123 (3 Terminals) Universal Detector Base

Technical Specifications

	TFD-4030
Power Input	18V(min) – 30V(max)
Average Current Consumption	18µA (@24V)
Maximum Alarm Current	47mA (@24V) – (680Ω alarm load)
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	0.8mm ~ 1.5mm ²
Weight (incl. Base / excluding base)	164 gr / 112 gr
Startup Time	Up to 25s
Detector Base	TFA-0123 (3 Terminals)

41,50 mm

110 mm

TFA-0123
3 Terminals

R54,80 mm

109,6 mm