

# XGF-C403

## Wired Smoke Detector



### Overview

The XGF-C403 is a high-performance wired photoelectric smoke detector, designed for professional fire alarm systems in residential, commercial, and industrial environments. Featuring TÜV-certified EN54-7 compliance, this detector ensures reliable and early detection of smoke through optical sensing, making it an essential component in modern fire safety solutions.

The XGF-C403 supports both 2-wire and 4-wire configurations, offering flexible installation options. It is compatible with DC 9V–35V input systems, with an optional version supporting DC 40V–60V, making it adaptable to a variety of project requirements.

### Key Feature

Photoelectric Smoke Sensing:	Fast and reliable smoke detection
Certified Compliance:	EN54-7 certified by TÜV for global safety standards
Flexible Voltage Support:	Operates on DC 9V–35V, optional DC 40V–60V
Low Power Consumption:	Efficient standby and alarm operation
Visual Alarm Alert:	Red LED indicates active alarm state
Durable Build:	Made from high-quality, flame-retardant ABS material
Wiring Options:	Supports both 2-wire and 4-wire alarm system integration

### Application

The XGF-C403 is suitable for apartments, offices, hospitals, schools, retail spaces, and factories. Its TÜV-certified performance and flexible setup ensure reliable smoke detection and compliance with international fire safety standards.

### Specification

Model Number:	XGF-C403
Operating Voltage:	DC 9V–35V (Optional: DC 40V–60V)
Standby Current:	≤80μA
Alarm Current:	<ul style="list-style-type: none"><li>• ≤40mA @ DC 24V</li><li>• ≤25mA @ DC 12V</li></ul>
Sensitivity:	0.08–0.16 dB/m
Alarm Indicator:	Red LED
Operating Temperature:	0°C ~ 50°C
Humidity:	≤95% RH (non-condensing)
Material:	ABS
Standards & Certifications:	EN54-7:2008, CE, RoHS
Dimensions:	ø103 × H53 mm
Wiring Options:	2-wire or 4-wire