XGF-C402

Wired Smoke Detector

XTREME GUARD

Overview

The XGF-C402 is a precision-engineered wired photoelectric smoke detector available in 2-wire and 4-wire configurations, designed to suit a wide range of commercial and industrial fire alarm systems. It offers flexible voltage compatibility with standard DC 9V–35V input, and an optional version supports DC 40V–60V, making it highly adaptable for diverse system requirements.

Featuring high detection sensitivity (0.08–0.16 dB/m), the XGF-C402 is certified to EN54-7:2008 standards and approved by CE and RoHS, ensuring compliance with international fire safety regulations.

Key Feature

Optional Voltage Support:	DC 9V–35V (standard), DC 40V–60V (optional)
2-Wire or 4-Wire Configurable:	Suits varied system architectures
High Smoke Sensitivity:	0.08–0.16 dB/m for early detection
Energy Efficient:	Ultra-low standby and alarm current
Visual Alarm Indicator:	Red LED flashes during alarm
Reliable Build:	Flame-retardant ABS housing
Certified & Compliant:	Meets EN54-7:2008, CE and RoHS certified

Application

The XGF-C402 is ideal for commercial buildings, hospitals, schools, shopping malls, and industrial sites, providing reliable smoke detection in fire alarm systems with sturdy, wired detectors and flexible power options.

Specification

Model Number:	XGF-C402
Operating Voltage:	DC 9V–35V (Optional: DC 40V–60V)
Standby Current:	• 2-Wire: ≤50µA | 4-Wire: ≤50µA (NO) / ≤16mA (NC)
Alarm Current:	• 2-Wire: 20–50mA@12V / 40–50mA@24V • 4-Wire: ≤40mA (NO) / ≤20mA (NC)
Sensitivity:	0.08–0.16 dB/m
Alarm Indicator:	Red LED
Operating Temperature:	0°C to +50°C
Humidity:	≤95% RH (non-condensing)
Material:	ABS
Standards & Certifications:	EN54-7:2008, CE, RoHS
Dimensions:	⌀99 × 43.5 mm
Wiring Options:	2-wire or 4-wire