Axis EN

Conventional Photoelectric Smoke Detector

The Conventional Photoelectric Smoke Detector is a cost effective and aesthetically pleasing, non-addressable optical smoke detector.

These detectors are designed for open area protection and provide the earliest warning of fire, whilst utilising an advanced symmetrical chamber design.

A patented moulding profile helps to enhance long term stability by removing airborne contamination before it can enter the sensing chamber and offers immunity to ambient light into the detector to ensure reliability and a high level of unwanted alarm rejection.

A centrally positioned LED indicator provides 360° visibility of detector activation and an in-built magnet test feature allows easy activation to verify operation of the detectors.

A custom ASIC provides superior and reliable detection performance whilst reducing the problems of false alarms.

Features

Double dust trap protects the smoke chamber from contamination

Central LED providing 360˚ visibility

Magnetic test feature

Anti-Tamper locking feature

Robust and reliable

3 year warranty

Standards and Approvals

EN54-7:2018

Approved by BRE/LPCB and certified by the UAE Civil Defence

Specification

Operating Voltage	10-30V DC
Stand by Current	60 uA @ 24V DC
Alarm Current	40mA (externally limited)
LED Current Consumption	20mA (externally limited)
Operating Temperature Range	-30˚C / +70˚C (no condensation)
Humidity (no condensing)	95% RH (no condensation)
Dimensions (with Base)	110 x 54 mm

Order Codes and Options

20-AS1000-ADV:	Photoelectric Smoke Detector
20-ABR100-ADV:	Universal resistor base
20-ABDR100-ADV:	Universal resistor + diode base
20-ABSR100-ADV:	Deep resistor base

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