Advanced

Axis EN

Axis EN Intelligent Optical Smoke Detector

The Axis-OPX analogue Optical Smoke Detector is a point detection device that continuously monitors the air in the protected area to provide the earliest warning of a fire condition.

The enhanced design of the smoke inlet and optical chamber guarantees a very high resistance to the entry of dust, ensuring a higher level of false alarm rejection without compromising sensing performance.

This detector is characterised by an aesthetically pleasing low profile and is specifically designed for Axis EN control panels.



Standards and Approvals

- EN54-7:2018 - Smoke Detectors - Point smoke detectors
- EN54-17:2005 - Short circuit isolators
- Approved by BRE/LPCB and certified by the UAE Civil Defence

Features

- Multiple fully approved sensitivity settings
- Bi-directional isolator to protect against cable faults
- Utilises Axis EN protocol with high noise rejection
- Dual bi-colour LEDs providing 360° cone of visibility
- Dust Restrict Chamber (DRC) technology offering advanced immunity to airborne contaminants
- Open style mounting base offers easy wiring and low pressure locking
- Addressing using the Device Programming Tool or Auto addressing capability via the fire control panel
- Magnet test capability

Specification

Loop Voltage(*)	18-40 V_{dc}
Average Standby Current	55 µA @ 24VDC
Remote Output Max Current	20 mA
Max number of loop addresses	240
Operating Temperature Range	-30°C / +70°C
Humidity (non condensing)	Max 95% RH
Dimensions H x D	49 x 100 mm
IP Rating	IP40 (IP42 with silicon base gasket)
Weight (Standard Base included)	130 g
Colour	Custom white. Closest RAL is RAL9016.

(*) Product operates down to 15 V, but without LED indication.

Order Codes and Options

Axis-OPX	Intelligent Optical Smoke Detector
Axis-MB	Base
Axis-SAMB	Slave Sounder Base
Axis-SVAMB	Slave Sounder Beacon Base
Axis-SMB	Intelligent Sounder Base
Axis-SVMB	Intelligent Sounder Beacon Base
Axis-WP	Silcon Base Gasket

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As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.