

## Intelligent Optical Smoke Detector without isolator

The Axis-OP 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

- EN54-7:2002 +A1:2002 +A2:2006
- Approved by BRE/LPCB and certified by the UAE Civil Defence

### Features

- Multiple fully approved sensitivity settings
- Utilises Axis EN protocol with high noise rejection
- Dual single-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

### Specification

|                                 |                                       |
|---------------------------------|---------------------------------------|
| Loop Voltage (*)                | 18-40 V <sub>dc</sub>                 |
| Average Standby Current         | 85 µA @ 24V <sub>dc</sub>             |
| Remote Output Max Current       | 20 mA                                 |
| Max number of loop addresses    | 240                                   |
| Operating Temperature Range     | -10°C / +55°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 RAL 9016 |

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

## Order Codes and Options

|            |   |
|------------|---|
| Axis-OP    | Intelligent Optical Smoke Detector without isolator |
| Axis-MB    | Base  |
| Axis-SAMB  | Slave Sounder Base                                  |
| Axis-SVAMB | Slave Sounder Beacon Base                           |
| Axis-SMB   | Intelligent Sounder Base                            |
| Axis-SVMB  | Slave Sounder Beacon Base                           |
| Axis-WP    | Silicon Base Gasket                                 |

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