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Illumino Ignis Ltd™
LIGHTING & FIRE DESIGN, SUPPLY & SUPPORT

Analogue Photoelectric Smoke Sensor with SCI

Addressable - Devices

Part No. ALN-EN

www.illuminoignis.co.uk

Product Details

Model ALN-EN(SCI) is a Photoelectric Smoke Sensor with SCI, which is fully compatible with Hochiki's ESP Analogue Addressable Protocol.

The ALN-EN(SCI) incorporates Hochiki's newest High Performance Chamber Technology removing the need to use Ionisation Smoke Sensors in the majority of applications. This also allows the sensor threshold level to be increased, thereby improving the signal to noise ratio and reducing susceptibility to false alarms.

The ALN-EN(SCI) smoke chamber is easily removed or replaced for cleaning and utilises a unique improved baffle design which allows smoke to enter the chamber whilst keeping out ambient light.



Key Features

- Removable, High Performance chamber
- Twin LEDs allow 360° viewing – green when polling, amber when isolating, red in fire
- Locking mechanism (sensor to base)
- Variable sensitivity
- Electronically addressed
- Pulsing/non-pulsing controlled from panel*1

Technical Specifications

Operating Voltage	17 – 41 VDC
Low Power Mode (typ)	120 µA
Quiescent Current (typ)	400 µA
Alarm Current (controlled by CIE)	9.1 mA (excluding remote indicator)
Current in Short Circuit	13.5mA
Transmission Method	Digital Communications Using ESP
Operating Temperature Range	-10 °C to + 50 °C
Operating Humidity	95% RH - Non Condensing (at 40 °C)
Storage Temperature Range	-30 °C to +60 °C
Storage Humidity	<80% RH at 60 °C
Colour / Case Material	Ivory or White / ABS
Weight (g)	95
Diameter (mm) / Height (mm)	100 / 45
Base Fixing Centres (mm)	48 ~ 74
Compatible Bases*2	YBV-R/4

*1 Control Panel compatibility required
*2 For further information on compatible bases please refer to Application Note AP144 available online.

For further information visit www.hochikieurope.com/esp
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