Analogue Photoelectric Smoke Sensor
ALG-EN

Features

▶ Removable, High Performance chamber

▶ Twin fire LED's allow 360° viewing

▶ Locking mechanism (sensor to base)

▶ Variable sensitivity

▶ Electronically addressed

▶ Pulsing/non-pulsing controlled from panel*

▶ Approved by LPCB & VdS

▶ Also available in white or black

Description

Model ALG-EN is a Photoelectric Smoke Sensor, which is fully compatible with Hochiki's ESP Analogue Addressable Protocol. The ALG-EN is available in ivory, white or black, the black version (with matching black base) is ideal for nightclubs and cinemas where attention to aesthetics is required.

The ALG-EN 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 ALG-EN 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.

Specification		
Ordering Codes	Sensor	ALG-EN / ALG-EN(WHT) / ALG-EN(BLK)
	Replacement Chamber	SLV/ALK REPLACEMENT CHAMBER
Operating Voltage		17 – 41 V dc
Low Power Mode (typ)		120 µA
Quiescent Current (typ)		400 µA
Alarm Current (controlled by CIE)		9.1 mA (excluding remote indicator)
Transmission Method		Digital Communications Using ESP
Operating Temperature Range		-10 °C to + 50 °C
Storage Temperature Range		-30 °C to + 60 °C
Maximum Humidity		95% RH - Non Condensing (at 40 °C)
Ingress Protection Rating		IP42
Colour / Case Material		Ivory, White or Black / ABS
Weight (g)		90 (excluding base)
Diameter (mm) / Height (mm)		100 / 38
Compatible Bases		YBN-R/3, YBO-BS, YBO-BSB, YBO-R/SCI
Base Fixing Centres (mm)		48 ~ 74
Approvals		LPCB EN54: Part 7
		VdS EN54: Part 7 (G208037)

*Control Panel compatibility required

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