

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
- ▶ 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 - 41V d.c.	
Low Power Mode (typ)	120µA	
Quiescent Current (typ)	400µA	
Alarm Current (controlled by CIE)	9.1mA (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)	