Analogue Photoelectric Smoke Sensor
ALG-E

Features

▸ Removable, High Performance chamber

▸ Twin fire LED's allow 360° viewing

▸ Locking mechanism (sensor to base)

▸ Variable sensitivity

▸ Electronically addressed

▸ Non-pulsing version available (ALG-E(NP))

▸ Approved by LPCB & VdS

Description

Model ALG-E is a Photoelectric Smoke Sensor, which is fully compatible with Hochiki's ESP Analogue Addressable Protocol. The ALG-E is also available in black, which makes it ideal for nightclubs and cinemas where attention to aesthetics is required.

The ALG-E incorporates Hochiki's unique High Performance Chamber Technology removing the need to use Ionisation 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-E smoke chamber is easily removed or replaced for cleaning and utilises a unique baffle design which allows smoke to enter the chamber while keeping out ambient light.

Specification

Ordering Codes	Sensor	ALG-E / ALG-E(NP) / ALG-E(BLACK) / ALG-E(WHT)
	Replacement Chamber	SLR/ALG REPLACEMENT CHAMBER
Operating Voltage		17 - 41Vd.c.
Low Power Mode (typ)		122µA
Quiescent Current (typ)		390µA
Alarm Current (controlled by CIE)		19mA
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)		98
Diameter (mm) / Height with base (mm)		100 / 46
Compatible Bases		YBN-R/3, CHQ-BS, YBO-R/SCI
Base Fixing Centres (mm)		48 ~ 74
Approvals	ALG-E	LPCB EN54: Part 7
	ALG-E(NP)	VdS EN54: Part 7 (G200118)