

Analogue Photoelectric Smoke Sensor

ALN-E(WHT)



Features

- ▶ Removable, High Performance chamber
- ▶ Twin fire LEDs allow 360° viewing
- ▶ Locking mechanism (sensor to base)
- ▶ Variable sensitivity
- ▶ Electronically addressed
- ▶ Pulsing/non-pulsing controlled from panel*
- ▶ Approved by LPCB & VdS

Description

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

The ALN-E(WHT) 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-E(WHT) 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 Code		ALN-E(WHT)
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		-20 °C to + 60 °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		White / ABS
Weight (g)		95
Diameter (mm) / Height (mm)		100 / 45
Compatible Bases		YBN-R/3, YBO-R/SCI, YBO-BS, YBO-BSB
Base Fixing Centres (mm)		48 ~ 74
Approvals	LPCB	EN54: Part 7
	VdS	EN54: Part 7 (TBC)

*Control Panel compatibility required

Hochiki Europe (UK) Ltd. reserves the right to alter the specification of its products from time to time without notice. Although every effort has been made to ensure the accuracy of the information contained in this document it is not warranted or represented by Hochiki Europe (UK) Ltd. to be a complete and up-to-date description.