ALN-ENM

Marine Approved Analogue Photoelectric Smoke Sensor

Features:

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

- Approved by LPCB EN54: Part 7, LR & GL
- SIL Level 2 approved variants available
- Available in white

Listings / Approvals

Description

Model ALN-ENM is a Marine Approved Photoelectric Smoke Sensor, which is fully compatible with Hochiki's ESP Analogue Addressable Protocol.

The ALN-ENM 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-ENM 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	
Operating Voltage	17 – 41 V d.c.
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
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

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Ingress Protection Rating	IP42
Weight (g)	95
Diameter (mm) / Height (mm)	100 / 45
Compatible Bases	YBN-R/3, YBO-R/SCI, YBO-BS, YBO-BSB, YBN-R/3(SCI)
Base Fixing Centres (mm)	48 ~ 74

Panel compatibility dependant

Ordering Information

Product	Part Number
Marine Approved Analogue Photoelectric Smoke Sensor	**ALN-ENM**
Marine Approved Analogue Photoelectric Smoke Sensor(WHITE)	**ALN-ENM(WHT)**

For further information visit www.hochikieurope.com/marine