



MARINE APPROVED: ANALOGUE PHOTOELECTRIC SMOKE SENSOR (ALN-ENM)

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.

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

SPECIFICATION

Product Code	ALN-ENM ALN-ENM(WHT)
Operating Voltage	17 - 41 Vdc
Low Power Mode (typ)	120 A
Quiesc. Current (typ)	400 uA
Alarm Current (controlled by CIE)	9.1 mA (excl. remote indicator)
Transmission Method	Digital Communications using ESP
Operating Temp Range	-10 to +50 C
Operating Humidity	95 % RH - non condensing (at 40 C)
Storage Temp Range	- 30 to + 60 C
Storage Humidity	< 80% RH at 60 C
Colour/Case Material	Ivory or white / ABS
Weight	95 g
Diameter / Height	100 / 45 mm
Compatible Bases	YBN-R/3, YBO-R/SCI, YBO-BS, YBO-BSB, YBN-R/3(SCI)
Base fixing centres	48 ~ 74 mm
Approvals	LPCB EN54: Part 7, LR & GL