Marine Approved Analogue Optical Smoke Sensor

ALN-ENM



ALN-ENM(WHT)



Features

- Approved to MED by GL
- SIL Level 2 approved variant available
- Removable, High Performance chamber
- Twin LEDs allow 360° viewing – green when polling, amber when isolating, red in fire
- Locking mechanism (sensor to base)
- Variable sensitivity
- Electronically addressed
- Pulsing/non-pulsing controlled from panel*
- LPCB & VdS approved to classes A1 & C
- Also avaliable in white

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 VDC
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 70 °C
Colour / Case Material	Ivory or White/ABS
Weight (g)	95
Diameter (mm) / Height (mm)	100 / 45
Base Fixing Centres (mm)	48 ~ 74
Compatible Bases	YBO-BS, YBO-BSB2, YBN-R/3(SCI)M
IP Rating	BS EN 60529:1992+A2 2013 (Protection rating IP42)
Approvals	LPCB & VdS approved to classes A1 & C

***Control Panel compatibility required**

Ordering Codes

Product	Part Number
Analogue Optical Smoke Sensor	ALN-ENM
Analogue Optical Smoke Sensor (White Case)	ALN-ENM(WHT)

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