

# MARINE SOC-E3NM

## Marine Approved Conventional Photoelectric Smoke Detector

### Features

- ▶ Removable, High Performance chamber
- ▶ Automatic Sensitivity Window Verification (ASWV) – Drift Compensation Technology
- ▶ Remote Indicator output
- ▶ Wide voltage range (12 ~ 30 V dc)
- ▶ Low profile design with one piece outer cover
- ▶ Single fire LED - 360° viewing
- ▶ Range of mounting bases
- ▶ Approved by LPCB & DNV-GL



### Description

The SOC-E3NM is a Marine Approved Photoelectric Smoke Detector, which is fully compatible with the majority of existing Conventional Marine systems. The SOC-E3NM incorporates Hochiki's unique High Performance photoelectric smoke chamber removing the need to use Ionisation Detectors in the majority of applications.

'ASWV' Drift Compensation technology is incorporated to ensure the Detector is operating at its optimum sensitivity and therefore reducing potential false alarms. If the contamination limit is exceeded then the integral red LED will flash once every three seconds to give a visual warning. The smoke chamber is easily removed or replaced for cleaning and utilises a unique baffle design which allows smoke to enter the chamber whilst keeping out ambient light.

### Specification

Approvals	LPCB EN54: Part 7, VDS, DNV-GL & ME
Operating Voltage	12V – 30 VDC
Quiescent Current (typ)	35 $\mu$ A
Maximum Current Alarm	40 mA
Out of Sensitivity Current (Red Flashing LED)	120 $\mu$ A
Remote Indicator Drive	20 mA (max)
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 or White / ABS
Weight (g)	95 (excluding base)
Diameter (mm) / Height (mm)	100 / 45
Compatible Bases	YBN-R/6M & YBN-R/6M(WHT)
Base Fixing Centres (mm)	48 ~ 74

### Ordering Codes

#### Product

#### Part Number

#### Detector

SOC-E3NM  
SOC-E3NM(WHT)

#### Replacement Chamber

SOC REPLACEMENT CHAMBER

### Listings / Approvals

