SOC-E3NM

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 VDC)
- Low profile design with one piece outer cover
- Single fire LED - 360° viewing
- Range of mounting bases
- Approved to MED by DNV



Description

The SOC-E3NM is a Photoelectric Smoke Detector, which is fully compatible with the majority of existing Conventional 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

Ordering codes	SOC-E3NM - Ivory / SOC-E3NM(WHT) - White SLV/ALK - Replacement chamber
Operating voltage	12 – 30 VDC
Quiescent current (typical)	35 µA
Maximum current alarm	40 mA
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)
IP rating	IP42
Colour / Case material	Ivory or White / ABS
Compatible bases	YBN-R/6M, YBN-R/6M(WHT)
Base fixing centres (mm)	48 ~ 74
Weight (g) / Dimensions (mm)	95 (excluding base) / ø 100 x H 38
Approvals	DNV
Sensitivity	4% obs/m