

ESPintelligent ACC-EN(SCI)

Analogue Multi-Sensor with SCI



Features

- ▶ User selectable modes
- ▶ Incorporates Optical & Heat elements
- ▶ Removable, High Performance Chamber
- ▶ Twin LEDs allow 360° viewing – green when polling, turning red in fire
- ▶ Pulsing/non-pulsing controlled from panel*
- ▶ Variable sensitivity
- ▶ Approved to EN54-7, 5, 29*2
- ▶ Electronically Addressed
- ▶ LPCB & VdS approved to classes A1 & C
- ▶ Also available in white and black
- ▶ SIL Level 2 capable variants available.



Description

Model ACC-EN(SCI) is a Multi-Sensor, which is fully compatible with Hochiki's ESP Analogue Addressable Protocol, and incorporates a thermal element and High Performance photoelectric smoke chamber.

The ACC-EN(SCI) has three modes, which are controlled from the Control Panel, allowing either the optical element or thermal element or both elements to be active in making the fire decision. The sensor polling LEDs can be controlled via the Control Panel (pulsing/non-pulsing). The ACC-EN(SCI) smoke chamber can easily be removed or replaced for easy maintenance.

Specification

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|-----------------------------------|---|
| Ordering Code | ACC-EN(SCI) - Ivory / ACC-EN(SCI)WHT - White / ACC-EN(SCI)BLK - Black |
| Operating Voltage | 17 – 41 VDC |
| Low Power Mode | 120 µA (typ.) |
| Quiescent Current | 400 µA (typ.) |
| 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, Black or White / Polycarbonate |
| Weight (g) | 95 |
| Diameter (mm) / Height (mm) | 100 / 45 |
| Compatible Bases | YBN-R/3(WHT), YBO-BS(WHT), YBO-BSB2(WHT), YBV-R/4(WHT) (for use the SCI sensor) |
| Base Fixing Centres (mm) | 48 ~ 74 |
| Approvals | EN54-17, EN54-7, EN54-5 and EN54-29*2 LPCB & VdS approved to classes A1 & C |
| Wind Exposure (Ref EN54-7) | 1 ± 0,2 m s-1 |
| IP Rating | IP42 |

*Control Panel compatibility required

*2 Approval pending