

ESP intelligent ACC-EN(SCI)

Multi-Sensor with SCI

Features

- ▶ User selectable modes
- ▶ Incorporates Optical & Heat elements
- ▶ Removable, High Performance Chamber
- ▶ Pulsing/non-pulsing controlled from panel*¹
- ▶ Twin LEDs allow 360° viewing – green when polling, amber when isolating, red in fire
- ▶ Variable sensitivity
- ▶ Electronically Addressed



Description

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

The ACC-EN sensor 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*¹. The sensor polling LEDs can be controlled via the Control Panel (pulsing/non-pulsing*¹). The smoke chamber can easily be removed or replaced for easy maintenance.

The sensor features an intergral SCI and must be used in conjunction with the YBV-R/4 mounting base to maintain SCI functionality.

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)
Current in Short Circuit	13.5mA
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 or White / Polycarbonate
Weight (g)	95
Diameter (mm) / Height (mm)	100 / 45
Base Fixing Centres (mm)	48 ~ 74
Compatible Bases* ²	YBV-R/4 or YBV-R/4(WHT) , YBN-R/3, YBO-R/SCI, YBO-BS, YBO-BSB, YBN-R/3(SCI)

*¹ Control Panel compatibility required

*²YBV-R/4 base maintains SCI functionality. For further information on compatible bases please refer to Application Note AP144 available online.

Ordering Codes

Product	Part Number
Multi-Sensor with SCI	ACC-EN(SCI)
Multi-Sensor with SCI (White Case)	ACC-EN(WHT)-SCI



For further information visit www.hochikieurope.com/sci

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