

Optical Beam Smoke Detector

SPC-ET



Features

- ▶ 5 - 100m range
- ▶ Powered directly from the zone
- ▶ Full line continuity options
- ▶ Latching or Non-Latching fault option
- ▶ Automatic contamination compensation
- ▶ Automatic signal strength adjustment
- ▶ Approved by LPCB

Description

Model SPC-ET is a two wire beam smoke detector that consists of an emitter and receiver that cover a distance of 5 - 100m providing a maximum coverage of 1500m².

When used on a conventional system the emitter and receiver can be powered directly from the zone or if required the emitter also has an option to be powered from a separate 24Vd.c. supply. The SPC-ET can also be interfaced to Hochiki's ESP system, the receiver can be connected to a CHQ-SZM Single Zone Module or a CHQ-DZM Dual Zone Module, and the emitter can then be powered directly from the loop or via a separate 24Vd.c. supply.

The SPC-ET comes complete with a termination module which fits directly on to a standard U.K dual back box, this allows the detector be surface or flush mounted. Line continuity options can be selected on the termination module and these are based on the Schottky or Zener diode method.

Specification	
Ordering Code	SPC-ET*
Operating Voltage	15 - 33Vd.c.
Quiescent Current (typ)	250µA
Maximum Current In Alarm	50mA
Operation Range	5 - 100m (between emitter & receiver)
Sensitivity Range	25%, 50% and 60% obscuration (selectable)
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)
Colour / Case Material	Ivory White / ACS
Weight (g) / Dimensions (mm)	(Receiver) 685 / H145 x W86 x D100
	(Emitter) 600 / H145 x W86 x D100
Line Continuity Options (Interface Kit)	Schottky/Zener
Approval	LPCB (EN54:12)

* Supplied with either an interface kit or brackets

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