



PANASONIC

Panasonic 3000-015 Fireray 3000 additional detector pack

Product code 41605 · Fire alarm systems > Field devices > Beam detectors

Additional detector pack for the Fireray 3000 beam detector: transmitter and receiver without a controller. Used to connect a second detector line (5–120 m) to the same controller.

- Transmitter (clear lens) and receiver (dark lens)
- Second detector on the same Fireray 3000 controller
- Operating range 5–120 m (EN 54-12)
- Laser alignment in the receiver, single-person commissioning
- Light Cancellation Technology to reduce false alarms
- EN 54-12, CPR 0786-CPR-21162

Product description

Fireray 3000 is an end-to-end beam detector (smoke detector) based on infrared technology. It is suitable for large, high open spaces and for sites where maintaining ceiling-mounted detectors is difficult. The system consists of a transmitter, a receiver and a controller mounted at low level. This detector pack contains one transmitter (clear lens) and one receiver (dark lens) without a controller, and it is used to extend the system to a two-detector configuration: up to two detectors can be connected to the controller, each with its own fire and fault relays.

Operation

The transmitter sends an infrared beam to the receiver. When smoke weakens the signal below the set threshold, the detector gives an alarm. The operating range is 5–120 m (EN 54-12), and the sensitivity, alarm delay and contamination compensation are set at the controller. The patented Light Cancellation Technology reduces the risk of false alarms, and the detector is suitable for sites where the line of sight is narrow or structures have reflective surfaces.

Installation

The transmitter and receiver have adjustment wheels that allow the beam to be aligned by 10° in both planes; an optional adjustment bracket allows a wider range of adjustment. The laser alignment integrated in the receiver makes installation by one person easier. The transmitter can be powered from the controller, which reduces the need for separate power supplies. Accessories include the protective cage 1000-019 and an anti-condensation heater.

Technical data

Product code	41605
Manufacturer	Panasonic
Product group	Fire alarm systems > Field devices > Beam detectors
Contents	1 × transmitter (clear lens), 1 × receiver (dark lens)
Operating range	5–120 m (EN 54-12)

Operating voltage	12–36 V DC ±10%
Current consumption	Transmitter 8 mA; control unit 14 mA (1 or 2 receivers)
Weight	207 g (transmitter / receiver)
Dimensions	77 × 78 × 161 mm (H × W × D), transmitter / receiver
Material	PC (UL94 V2)
Wavelength	850 nm
Operating temperature	–10...+55 °C (EN 54-12)
Humidity	93% RH, non-condensing
Alignment	Adjustment wheels, 10° adjustment in both planes, laser alignment
EN 54 approval	EN 54-12
CPR	0786-CPR-21162
VdS approval	G212034

Documents

The manufacturer's original documents can be downloaded from the product page (QR code at the top of this sheet).

Datasheet (series): Fireray 3000

Product brochure (series): Fireray 3000 (3406)

Request a quote or ask for more information

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Up-to-date information and documents: pap.fi/en/tuote/panasonic-3000-015-fireray-3000-detector-pack/