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PANASONIC

Panasonic Aspect Grizzle AE2010GH-P aspirating smoke detector, addressable, high sensitivity

Product code 60106 · Aspirating smoke detection › Detectors and sensors

Addressable Aspect aspirating smoke detector with Grizzle sensors (B+/B) for the EBL512 G3 loop. Two detection areas, built-in power supply and battery space. EN 54-20, classes B and C.

- Tested to EN 54-20 (classes B and C) and EN 54-4, CPR 0786-CPR-21084
- Grizzle sensor kit SENSORKIT-GH: B+/B, clean environments
- Two detection areas, up to 2 × 100 m of pipe
- Connected directly to the EBL512 G3 loop without an I/O unit
- Built-in 230 V AC power supply, space for a backup battery
- Configuration with the Aspect Tool B app (BLE), IP44

Product description

AE2010GH-P is a Panasonic Aspect series aspirating smoke detector with two Grizzle optical smoke sensors. Each pipe has its own detection chamber, so the detector distinguishes two detection areas. The device has a built-in power supply, filters and space for a backup battery. The enclosure is anodised aluminium, and the overpressurised design keeps dust and moisture away from the electronics.

The detector has the SENSORKIT-GH sensor kit (B+/B). According to Panasonic's technical description, the more sensitive kit is intended for clean environments. Sensitivity can be set per area and separately for day and night with the Aspect Tool B app, which connects to the detector via Bluetooth (BLE).

The addressable model is connected directly to the loop of Panasonic's EBL512 G3 fire alarm system without separate I/O units, power supply or filters.

Technical data

Product code	60106
Manufacturer	Panasonic
Manufacturer's code	AE2010GH-P
Product group	Aspirating smoke detection › Detectors and sensors
Operating voltage	230 V AC, 50 Hz (optionally 12–24 V DC)
Current consumption	Average 500 mA, peak 1.7 A
Loop voltage	12–30 V DC (nominal 24 V DC)

COM loop current	2.1 mA
Sampling pipes	2
Sensors	2 × Grizzle (SENSORKIT-GH, B+/B)
Detector class	EN 54-20, classes B and C
Maximum pipe length	2 × 100 m
Battery	Internal 7 Ah or 18 Ah (LiFePO4)
Sound pressure level	55 dB / 1 m (45–50 dB with AU 002)
Bluetooth	BLE (Aspect Tool B)
IP rating	IP44
Operating temperature	−30…+55 °C
Humidity	Max. 98%
Material	Aluminium profile, PC/ABS ends
Dimensions	272 × 530 × 143 mm (W × H × D)
Weight	6.6 kg
EN 54 approval	EN 54-20, EN 54-4
CPR	0786-CPR-21084
VdS approval	G218067

Documents

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

Datasheet: Grizzle AE2010G-P, AE2010G-S
Technical datasheet: Aspect AE2010
Product catalogue (series): Aspect AE2010 accessories
Brochure (series): Aspect aspirating smoke detection system

Request a quote or ask for more information

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Up-to-date information and documents: pap.fi/en/tuote/panasonic-ae2010gh-p-grizzle/