



G024133

Analogue addressable optical smoke heat multisensor detector

EV-PYH

Part no. 5201168-00A

System: CS3000*, CS4000, NSAC-1, Salwico CCP

General Description

EV-PYH is an analogue addressable combined optical smoke and heat detector. It can either be used as a smoke, a heat, or a combined smoke and heat detector. The following functions can be configured in the applicable fire detection systems:

- The detector address in the system
- Mode (Smoke, Heat or Default)
- Smoke sensitivity level (Lowest – Normal – Highest)

EV-PYH is equipped with OMNIVIEW 360° LED indicator giving a clear, full 360° visibility of the red alarm indication. The detector is also equipped with an output for remote indication.

EV-PYH has a fine pitch net which reduces the amount of dust etc. entering the detector.

The technical detector address is set with a programming tool. Valid addresses are 1-254.

See separate document "Base matrix" for information about suitable base plate.

Data

Sensor method	Light scatter and thermistor
Working voltage	20–38 V DC
Working current	300 µA
Alarm current	6 mA (LED on)
Current for remote indication	Max 3 mA
Operating temperature	-25 °C to +70 °C
Ambient humidity	0 to 95% RH non-condensing
Ingress protection	IP44 - Not for outdoor use
Addressing method	Soft addressing, non-volatile EEPROM
Material	PC
Weight (w/o base)	130 g ± 5%
Colour	White
Programming tool	Part no. 5200123-00A
Certified according to	EN 54-5: 2017 + A1: 2018 EN 54-7: 2018 IEC 60092-504:2016 IEC 60533:2015



2531/yy

yy = Year of Production
DoC no: DOC-008296



8504/yy

yy = Year of Production
UKMER: DOC-009716

The expected life time of the product is affected by the environment it is mounted in.

* SPK-2 for NOSE based detectors.

**NOTE!**

Do not remove the dust cover from the detector until all polluting (dusty) activities are finished and the area has been cleaned.

Compatibility

This detector is a drop in replacement for:

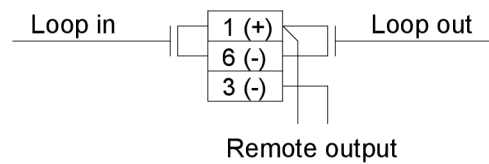
EV-PH, part no. 040030

Connection

**Hint!**

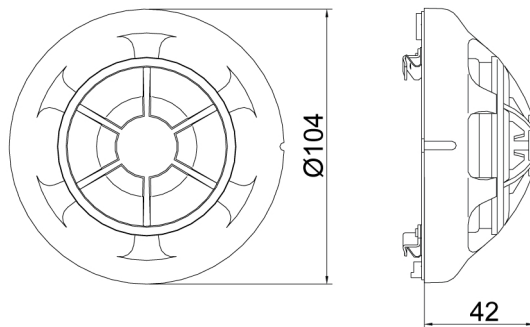
For connection, please refer to the data sheet for the selected detector base.

Connection of the UB-6 detector-base for the EV detectors



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Dimensions (mm)



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Detector head	Ø104 mm x 42 mm
Detector head and UB series base	Ø104 mm x 57mm