

## Item description

**Orbis Optical smoke detector**

Type	Art.no.
B03540-00	59.761.02

## Description

- The Orbis Optical Smoke Detector operates on the well-established light scatter principle. The sensing technology used is radically different from previous optical detectors and significantly reduces false alarms.
- Responds well to slowburning, smouldering fires
- Good performance in both black and white smoke
- Transient rejection algorithms reduce false alarms
- automatic drift compensation with DirtAlert®, a yellow flashing LED to easily identify dirty detectors
- Red flashing LED at StartUp confirms the device is operating. SensAlert®, yellow flashing LED indicates faulty operation
- StartUp™ is used to check the wiring of the base
- FasTest® takes just four seconds to test and confirm detectors are functioning correctly
- DustDefy system prevents dust ingress while maintaining airflow
- Tested according to EN 54-7, EN 50155, EN 50121-3, EN 60068, EN 61373, EN 45545-2 (HL3)



## Technical data:

Operating voltage:	8,5 – 33 V DC
Quiescent current:	95 µA
Alarm current:	40 mA at 24 V
Temperature range:	-40°C to +70°C
Relative humidity:	max. 98%
Housing:	polycarbonate
Colour:	white (similar RAL 9003)
Dimensions (Ø x height):	97mm x 31mm 100mm x 46mm (in the base)
Weight:	75 g (135 g with base)