

# Wireless smoke alarm ASD



## Benefits

- Triggers an alarm before the smoke concentration becomes dangerous
- Wireless transmission, cyclically (function check) and in the case of state transitions
- Compact, unobtrusive design
- Design as per EN 14604



## Application

For detection of fumes and smoke gas in living spaces. Audible alarm when a defined smoke concentration is exceeded.

## Versions

	Part no.
Wireless smoke alarm ASD 10	61245
Wireless smoke alarm ASD 20	61249
Sensor head smoke alarm ASD SH	61246

Blue part no. = in-stock items

## Description

The photoelectric smoke alarm ASD consists of a sensor head and a mounting base with integrated EnOcean® wireless module. The sensor head features a permanently installed lithium battery with a service life of up to 10 years for reliable, long-term fire protection. A fire alarm is indicated by an alarm tone with approx. 85 dB and a flashing LED. The alarms are transmitted via the EnOcean® wireless module. In addition, ASD 10 transmits the ambient temperature. A photovoltaic cell generates the required energy. A battery can be inserted in the base for use in darker environments.

### Wireless smoke alarm ASD 10

With transmission of fire alarm and current room temperature.

### Wireless smoke alarm ASD 20

With transmission of fire alarm and battery state of the mounting base for the EnOcean® wireless module.

The AFRISOhome gateway lets you program a great variety of scenarios for an alarm, for example switching on the lights for the escape route, opening of shutters for escaping, push messages, etc. The EnOcean® wireless module is not only used for transmission, but also for regular function checks.



## Technical specifications

### Operating temperature range

Ambient:	4/38 °C
Storage:	-20/+60 °C
Humidity:	Max. 90 % r.F., Non-condensing

### Measuring range

Temperature:	0/40 °C
Accuracy:	± 1 °C

### Supply voltage

Sensor head:	Permanently installed lithium battery
Hours of operation:	Bis 10 Jahre
Base:	Energy harvesting (via photovoltaic cell)
Base:	1 x 3.6 V 1/2 AA lithium battery

### Housing

Plastic housing (PC/ABS)	
Colour:	White, similar to RAL 9003
ø x H:	87 x 48 mm
Weight:	38 g
Degree of protection:	IP 30 (EN 60529)

### EnOcean® wireless

EEP	
ASD 10:	A5-30-03
ASD 20:	F6-05-02
Frequency:	868.3 – 868.3 MHz
Transmission power:	Max. 10 mW
Range:	10 – 30 m
Range:	depending on room arrangement and materials in the building

### Scope of delivery

- Wireless mounting base
- Sensor head smoke alarm
- Mounting accessories

## Technical drawings

