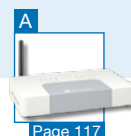


# Wireless heat detector

## AHD 10



- Triggers an alarm if the temperature rises rapidly and if it exceeds 58 °C
- Wireless transmission, cyclically (function check) and in the case of state transitions
- Compact, unobtrusive design
- Additional room temperature measurement



5

**Application** For detection of heat and fire in living spaces. Audible alarm and direct transmission to the AFRISOhome gateway if the temperature rises rapidly or if it exceeds 58 °C. AHD 10 is ideal for use in rooms subject to generation of smoke or vapour (such as kitchens, bathrooms) or in which dust, dirt and exhaust gases can develop (such as workshops, garages). Recommended for each application where smoke alarms cannot be used due to possible false alarms.

**Description** The heat detector AHD 10 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 a flashing LED and a sound sequence with the maximum alarm sound pressure of 85 dB. The alarm is also transmitted via the EnOcean® wireless module. In addition, AHD 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.

Each heat detector has a unique ID so that the recipient can distinguish the individual heat alarms if multiple sensors are used. 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: -10/+50 °C  
 Storage: -20/+60 °C  
 Max. humidity: 90 %, non-condensing

#### Supply voltage

Sensor head: Permanently installed lithium battery  
 Base: Energy harvesting (via photovoltaic cell) or ½ AA lithium battery, DC 3.6 V (with daylight less than 200 lx)

#### Housing

Plastic housing (PC/ABS)  
 Colour: White, similar to RAL 9003  
 ø x H: 86 x 45 mm  
 Weight: 38 g  
 Degree of protection: IP 30 (EN 60529)

#### EnOcean® wireless

EEP: A5-30-03  
 Frequency: 868.3 MHz  
 Transmission power: Max. 10 mW  
 Range: 10 to 30 m (depending on room arrangement and materials in the building)

#### Approval

EN 54-5, class A1/R for heat detection systems

#### Scope of delivery

- Wireless mounting base
- Heat detector
- Mounting accessories



See operating instructions for detailed information on the range of the EnOcean® wireless module.

DG: L, PG: 4	Part no.	Price €
<b>Wireless heat detector AHD 10</b>	<b>61550</b>	
Spare part		
<b>Sensor head heat alarm AHD 10 SH</b>	<b>61551</b>	