smartwares®

FSM-1260

EN Smoke alarm device / Manual
DECLARATION OF PERFORMANCE - DoP
www.smartwares.eu/dop and follow the instructions.

DE Rauchwarnmelder / Gebrauchsanweisung
LEISTUNGSERKLÄRUNG - DoP
www.smartwares.eu/dop und folgen Sie den Anweisungen.

FR Détecteur de fumée / Mode d'emploi
DECLARATION DE PERFORMANCE - DoP
www.smartwares.eu/dop et suivez les instructions.

NL Rookmelder / Gebruiksaanwijzing
VERKLARING VAN PRESTATIES - DoP
www.smartwares.eu/dop en volg de aanwijzingen.

ES Detector de humo / Instrucciones de uso
DECLARACIÓN DE PRESTACIONES - DoP
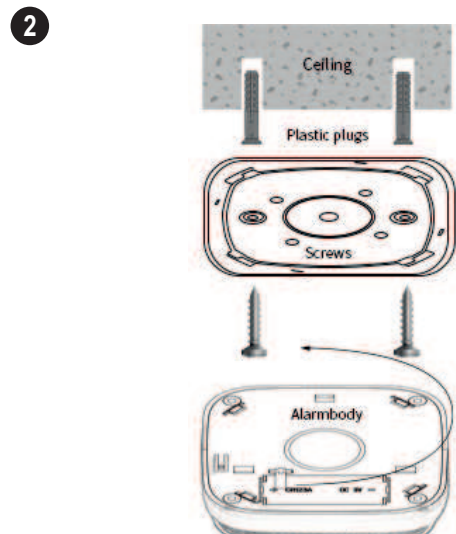www.smartwares.eu/dop y siga las instrucciones.

IT Rilevatore di fumo / Manuale
DICHIARAZIONE DI PRESTAZIONE - DoP
www.smartwares.eu/dop e seguire le istruzioni.

SV Detektor dymu / Manuál
VYHLÁSENIE O VÝKONE - DoP
www.smartwares.eu/dop a nasledujte pokyny.

CS Detektor kouře / Návod k obsluze
PROHLÁŠENÍ O VLASTNOSTECH - DoP
www.smartwares.eu/dop a postupujte podle pokynů.

SK Detektor dymu / Manuál
VYHLÁSENIE O VÝKONE - DoP
www.smartwares.eu/dop a nasledujte pokyny.

PL Czujka dymu / instrukcja użytkowania
DEKLARACJA WŁAŚCIWOŚCI UŻYTKOWYCH - DoP
www.smartwares.eu/dop i postępuj zgodnie z instrukcjami.

1 A   B

2

3

INTENDED USE: FIRE SAFETY
ESSENTIAL CHARACTERISTICS: PASSED
- Nominal activation conditions/ Sensitivity, Response delay (response time) and Performance under fire condition
- Operational reliability
- Tolerance to supply voltage
- Durability of operational reliability and response delay, temperature resistance
- Durability of operational reliability, vibration resistance
- Durability of operational reliability, humidity resistance
- Durability of operational reliability, corrosion resistance
- Durability of operational reliability, electrical stability

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1008-CPR-MC 69265752 0001
FSM-1260-010CPR

Tested according to:
EN14604:2005
EN14604:2005/AC:2008

EN Instruction manual

GENERAL INFORMATION

Thank you for purchasing this smoke alarm device! Please read these instructions carefully before using the smoke alarm device. Retain this information in a safe and easily accessible place for future use and maintenance. If you have any questions or if you are looking for additional information about your smoke alarm device, please visit our website www.smartwares.eu/doc

• **Make/model number: FSM-1260**
• **Description:** Smoke alarm device based on the photocell principle, which means that the alarm monitors the air for smoke caused by fire. This apparatus contains 1x replaceable CR123A 3V DC Lithium battery with a lifetime of 1 year.
• **Function:** Smoke alarm device intended to alert the persons present near a fire/fire smoke, to give them time to react properly to the danger.
• **Scope of application:** Smoke alarm device for buildings with residential function.

IMPORTANT:
• **Caution:** The alarm is designed in order to detect smoke; it cannot prevent a fire!
• **Caution:** The smoke alarm may not be painted or covered because this may cause loss of functionality.
• **Caution:** Using a smoke alarm is part of your fire protection, just as fire extinguishers, emergency ladders, ropes, but also your choice in the use of building materials for renovation. Always ensure that there is an evacuation plan and discuss this with your children. Ensure that each room can be left without opening the door, e.g. by the window. If there is any question as to the cause of an alarm, it should be assumed that the alarm is due to an actual fire and the dwelling evacuated immediately.
• **Warning:** Smoke alarm devices must be replaced no later than 10 years after initial activation. Fill out the activation date on the rating label on the product and mark the replacement date in your calendar.

INITIAL ACTIVATION

Installing the battery.
• Open the apparatus by pressing down on the base plate and turning it anti-clockwise.
• Remove any protective plastic from the battery and install it in the smoke alarm. Make sure that it is fitted in accordance with the polarity markings (+ or -) within the battery compartment (see image 1A). The device will emit one beep when the battery is installed.
• To reattach the base plate align the pins with the holes on the base plate then turn the base plate clockwise

Testing the alarm
It is important to test the alarm before and after mounting it, whenever a new battery has been installed, and on a monthly basis. Lithium batteries must be activated on a regular basis to prevent the battery from "falling asleep". To test the alarm -
• Press the [TEST/HUSH] button.(see image 1B). The red LED will flash and the device will emit 3 beeps twice. This confirms that the alarm is in good working condition.
• If the alarm signal does not sound after pressing the [TEST/HUSH] button, the smoke alarm is not working properly and the advice of Smartwares should be sought.

MOUNTING

Important:
Pay close attention to these siting recommendations below in order to guarantee optimal performance of your smoke alarm.

• For the safety of the end-user, the smoke alarm cannot be mounted if the battery is not placed.
• **WARNING:** To prevent injury, this apparatus must be securely attached to the ceiling in accordance with the installation instructions.
• Smoke alarm devices should be installed in such a way that they can be reached unimpeded by the fire smoke so that fires can be detected reliably in the development phase.
• Requirements for smoke alarm devices vary from state to state and from region to region. Always check the relevant requirements in your area with your local authorities!

Where to mount a smoke alarm device?
• Centered at the ceiling of the room
• Max height: 6m
• Min 0,5 m distance to walls/ barriers:
• Small rooms with a width of <1m: Centered at the ceiling
• Corridors with a maximum width of 3m: Max.15m distance between 2 smoke alarms. Max. 7,5m between the front and smoke alarm devices at edges/crossings of corridors.
• Galleries: If the length and width of the gallery are >2m and the gallery area is >16m2, an additional smoke alarm will be required.
• In roof slopes: If >20°, minimal 0,5m and maximal 1m to roof top. If ≤20°, consider as flat ceiling. In partial roof slopes: if flat ceiling ≤1m width, consider as roof slope. If flat ceiling is >1m wide, consider as flat ceiling.
• Ceiling joists (or similar): If height ≤0,2m, installation at ceiling or on joist. If height > 0,2m and separated area > 36m2 => additional smoke alarm devices in between.
• Ceiling joists (or similar): If the height is ≤0,2m, install the alarm to the ceiling or on the joist. If height > 0,2m and in separated areas > 36m2 => additional smoke alarms will be required in between.
Where not to mount your smoke alarm device?
• Close to air conditioning/ventilation systems;
• Locations where the ventilation can be impeded items such curtains etc.;
• In rooms where temperature can reach below -10 ~ +55 °C.
• In damp spaces/kitchens/bathrooms, because steam can cause false alarms. Please visit our website for alarms that are suitable for usage in these rooms;
• Closer than 50 cm to light sources/electrical sources;
• Locations that are difficult to reach and impede the accessibility of the test/hush button, battery replacement, and maintenance.

Mounting the alarm

• To mount the smoke alarm, fix the base plate with the screws supplied and gently tighten the alarm onto the base plate (see image 2).
• Attach the alarm to the mounted base plate by aligning the pins on the alarm with the holes on the base plate and turning the alarm anti-clockwise.
• After installing the smoke alarm always test its functionality by using the test button.

Wireless Connection
Follow the next steps to create a wireless connection between the smoke alarm and your smartphone or tablet.

Preparation
• Go to the Apple or Android Play Store.
• Download the **Connected at Home / Smartlife** app on your smartphone or tablet.

Making a wireless connection between your smart device(s) and the smoke alarm
• With the battery installed and the device tested, enter the Wi-fi pairing mode by long-pressing the [TEST/HUSH] button (see image 3) until the red LED starts flashing consecutively. It will flash for the duration of 1 minute, during which the alarm will be in Wi-fi pairing mode and the devices can be paired.
• Open the **Connected at Home / Smartlife** app on your smartphone or tablet.
• Follow the app instructions to add your device(s).
If Wi-Fi pairing failed, users need to repeat the above steps for making a wireless connection.

ALARM SILENCE / HUSH MODE
• To silence the alarm long-press the TEST/HUSH button. The alarm will be silenced for 9 minutes. If the smoke concentration is still above the alarming point, the smoke alarm will send out another alarm. Use repeatedly until the smoke has been cleared.
Smoke alarms are designed to minimize nuisance alarms. Combustion particles from cooking may set off the alarm if the alarm is located close to the cooking area. Large quantities of combustible particles are generated from spills or when grilling/frying. Using the fan on a range hood that vents to the outside (non-recirculating type) will also help remove these combustible particles from the kitchen. The hush mode is extremely useful in a kitchen area or other areas prone to nuisance. The hush feature is to be used only when a known alarm condition, such as smoke from cooking activates the alarm. The smoke alarm is desensitized by pushing the test/hush button, if the smoke is not too dense, the alarm will silence to indicate that the alarm is in a temporarily desensitized condition. The smoke alarm will automatically reset after approximately 9 minutes. If particles of combustion are still present after this period, the alarm will sound again. The hush mode can be used repeatedly until the air has been cleared of the condition causing the alarm.
Note: Dense smoke will override the hush mode and sound a continuous alarm.
Caution: Before using the alarm silence (hush mode), identify the source of the smoke and make sure the situation is safe.
Battery Replacement
If the battery is running low, the smoke alarm will indicate this by flashing the red LED and emitting an audible "beep", once every 40 seconds. To replace the battery, open the apparatus, remove the empty battery and insert a new one. To ensure timely replacement. We highly recommend you replace the battery on a fixed date.
• IMPORTANT: After replacing the battery, always test the smoke alarm for correct operation using the test/hush button.
• IMPORTANT: Only replace the battery with one of the certified battery types: CR123A 3V DC Lithium battery.

MAINTENANCE
Testing: We highly recommend you to test the functionality of your smoke alarm every month. Press the [TEST/HUSH] button. The red LED will flash and the device will emit 3 beeps twice. If the alarm signal does not sound after pressing the test/hush button, the smoke alarm device is not working properly and the advice of Smartwares should be sought.
Warning: Do not use an open flame to test your smoke alarm, this could damage the apparatus or ignite combustible materials and start a fire.
Cleaning: For optimal performance, the smoke alarm must be cleaned with a moist cloth once a month and vacuumed every six months. Do not touch the inside of the smoke alarm with the nozzle of the vacuum cleaner. Always test the functionality of the apparatus after cleaning by pressing the test/hush button. Please register for free reminders at smartreminder.eu

TROUBLE SHOOTING

• False alarm may be caused by: welding and cutting operations, soldering and other hot work, sawing and grinding, dust due to construction work or cleaning, water vapor, cooking fumes, extreme electromagnetic effects, temperature fluctuations, which lead to the condensation of the humidity in the smoke alarm.
• Dust is the most common cause of false alarms/failing alarm, therefore always clean the smoke alarm as described in paragraph 'maintenance' if you experience any issues. If this does not solve the problem, the advice of Smartwares should be sought.
• Smartwares can never be made liable for loss and/or damage of whatever nature, including incidental and/or consequential loss, arising from the fact that the signal from the smoke alarm did not sound during smoke or fire. Smartwares can never be made liable for loss and/or damage of whatever nature, including incidental and/or consequential loss, arising from the fact that the signal from the smoke alarm did not sound during smoke or fire.

TECHNICAL DATA
• **Smoke sensor:** Optical
• **Battery type:** CR123A, 3VDC
• **Battery replaceable:** Yes
• **Battery lifetime:** 1 year
• **Lifetime device:** 10 years
• **Operating temperature:** -10 ~ +55 °C
• **Operating humidity:** ≤95% RH (no condensation)
• **Alarm volume:** >85dB (A) at 3m
• **Mounting type:** Ceiling
• **Detection area:** Max 40m2
• **Hush function:** Yes
• **Installation in (LAV):** No
• Max. radio frequency power: ≤ 16dBm
• Frequency range: 2.412 - 2.472GHz
• Wireless protocol : Wi-Fi
For indoor use only.
Please read manual before use, and store it carefully for future use and maintenance.

Condition	LED	Sound
Normal operation	**Red LED flashes every 40 seconds**	**None**
Testing	**Red LED flashes rapidly**	**3 beeps x 2**
Alarm	**Red LED flashes rapidly**	**Beeps consecutively**
Low Battery	**Red LED flashes once every 40 seconds**	**Beeps once every 40 seconds**
Device failure	**Red LED flashes twice every 40 seconds**	**Beeps twice every 40 seconds**
Wi-fi pairing mode	**Red LED flashes slowly**	**None**
Wi-fi network failure(fault)	**Red LED flashes 3 x every 40 seconds**	**3 beeps every 40 seconds**

DECLARATION OF CONFORMITY
Smartwares Europe B.V. hereby declares that the radio equipment type FSM-1260 is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address - www.smartwares.eu/doc