LUPUS ELECTRONICS

LUPUS OMS SMOKE DETECTOR
OPERATING INSTRUCTIONS

THE NEW LUPUS OMS SMOKE DETECTOR.

The new LUPUS OMS smoke detector is a smart, remotely inspectable smoke detector with OMS/Wireless M-Bus interface. The smoke detector complies with DIN 14676-1, procedure C, so it has a fully automatic remote inspection from the time of commissioning and works with commercially available OMS gateways or - readers. The 10-year battery life allows users to enjoy long, safe and worry-free operation.

FUNCTIONAL OVERVIEW.

• LUPUS smoke alarm with integrated OMS Wireless M-BUS radio connection.
• Smoke alarms according to DIN EN 14604 and DIN 14676-1 C; certified according to DIN SPEC 91388 and Q-Label.
• Functionality: Scattered light principle: Light rays are emitted in the smoke chamber. As soon as smoke enters the smoke chamber, the light rays are deflected by the smoke particles, hit a sensor and trigger the alarm.

• LUPUS Cloud IoT platform compatible. LUPUS OMS Gateway compatible. Optionally with central web-based management system and smartphone app control.
• Compatible with all common OMS-based measuring systems and walk-by receivers.
• OMS communication and radio protocol depending on factory setting: Wireless M-Bus, OMS Generation 4 Unidirectional data transmission every 2 to 15 minutes. Mode: Mode 5 or 7, transmission mode C1 or T1, encryption: AES 128 (in Mode 5).
• Fully automatic maintenance assistant. Inspection, maintenance and sending of documentation according to DIN 14676-1 C:
    • Automatic self-test of the smoke chamber. Automatic tracking of the smoke detection. Automatic self-test of the battery supply. Silent siren self-test.
    • Regular environmental checks to ensure accessibility within a 50cm radius around the smoke detector.
    • Check the smoke inlet openings.
    • Disassembly detection.
• Suitable for bedrooms. Can be used in difficult frost-free environments such as basements, attics and stairwells.

Intended Use.

The LUPUS OMS smoke detector is designed to provide early warning of smoldering fires and open fires with smoke development. The detector cannot prevent or extinguish fires. The smoke detector may be used in residential buildings, apartments and rooms with residential-like use. It is also essential to observe the applicable legal regulations for smoke detectors at the installation location. Keep children away from packaging materials and small parts. There is a risk of suffocation. All packaging material must be removed before use.

Scope of delivery:
LUPUS OMS smoke detector, mounting plate, instructions, mounting accessories

BATTERY.

The device is powered by a built-in 3 V lithium battery with 3 V DC voltage. The battery cannot be replaced and is not rechargeable! The battery life is 10 +1 years with normal use. The battery life may be reduced by prolonged exposure to high or sub-freezing temperatures, high humidity or a high number of false alarms. Do not attempt to remove the battery, recharge it, expose it to high temperatures or burn it, there is a risk of explosion!

SAFETY REGULATIONS.

To ensure proper device function, please note the following points:

• The device must not be covered!
• The device must not be painted over or covered with wallpaper!
• You must not open or repair the device under any circumstances. Failure to do so will void the warranty.
• Clean the smoke alarm regularly. Use a dry cloth or soft brush to remove dust, grease and cobwebs from the side slots directly on the ceiling and from the housing.
• The device must not be used after a fire. The same applies if it has been dropped or otherwise damaged.
• The device is designed to raise an alarm when smoke from fire is detected. Heat and flames are not sufficient to trigger an alarm!
• People with impaired hearing may not be able to hear the alarm! For these cases, other manufacturers offer smoke alarms with additional visual signaling!
• Particularly high levels of electromagnetic radiation can affect the detector's function. Therefore, do not install the detector near devices that emit electromagnetic radiation (e.g. microwaves) or near magnets.

• Do not install the smoke alarm outdoors.
• Do not install the smoke alarm in rooms where the alarm can be triggered by interference (steam, condensation, "normal" smoke, haze, dust, dirt or grease).
• Do not install the smoke alarm next to an air extractor or similar ventilation openings (drafts).
• The installation location can be found in the building regulations of your federal state.
• Do not install the detector higher than 6 meters.
• The smoke alarm may only be installed on ceilings. Installation on side walls is not permitted!
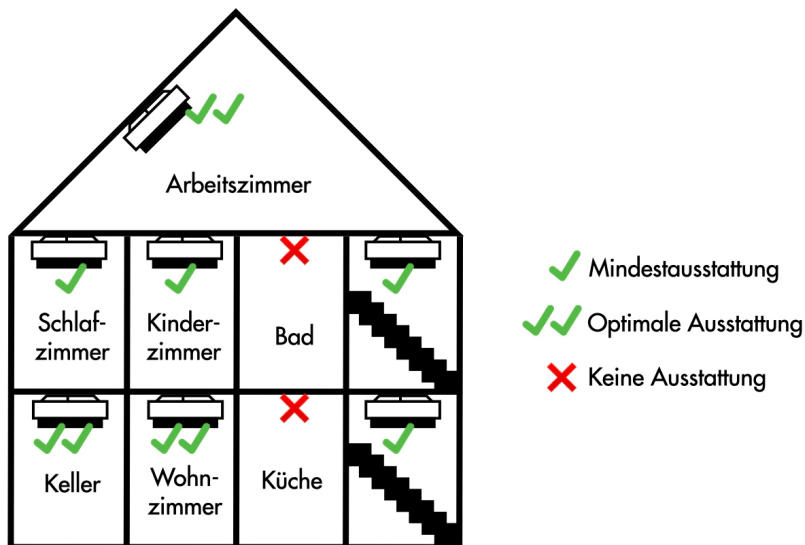• WARNING: There is a risk of falling during assembly. Use a safe, stable ladder and seek help from others!

This manual will help you set up your LUPUS OMS smoke detector. Follow the instructions contained herein to ensure proper operation of the device. You can also find further support in our FAQ section at https://www.lupus-electronics.de/de/service/faq/.
If you have any further questions, please call our hotline at 06341-935530.

INSTALLING YOUR LUPUS OMS SMOKE ALARM.
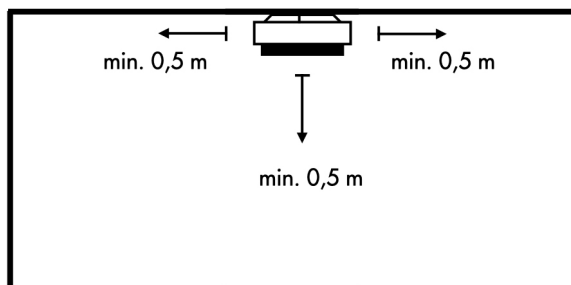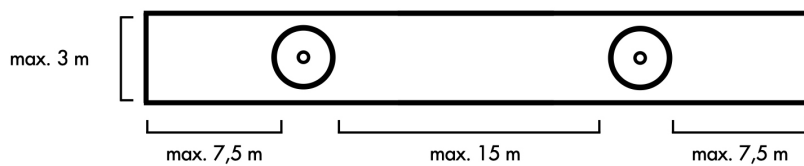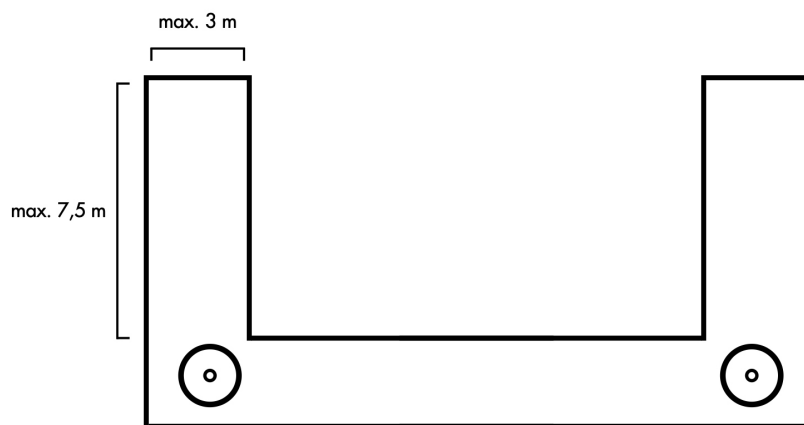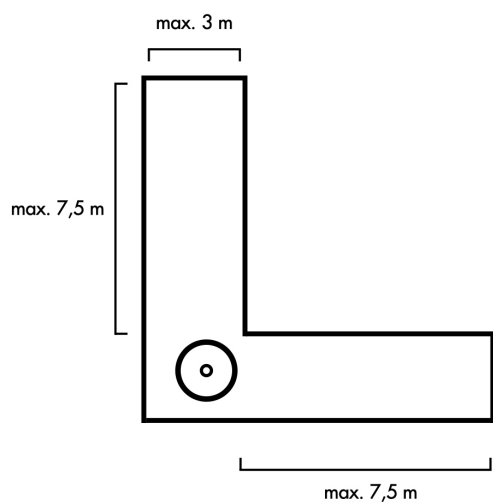
1. PLANNING.

A) Equipment:

If your ceiling is divided into ceiling sections by wooden beams or similar, the following applies: If the division is higher than 20cm and the ceiling sections are larger than 36 square metres in total, then one smoke detector should be installed per ceiling section. If the roof is sloping, the smoke detector should be installed on one of the sloping roofs and not in the gable.

install. Note: When planning the equipment, be sure to also observe the state building regulations in your federal state.

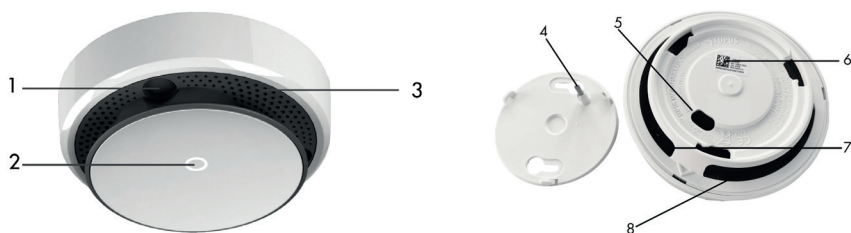B) Minimum distance from walls or objects to the smoke alarm:

C) Position in corridors or long rooms:

max. 3 m

max. 7,5 m

max. 7,5 m

max. 3 m

max. 7,5 m

max. 3 m

max. 7,5 m

max. 15 m

max. 7,5 m

2. COMMISSIONING.

When delivered, the smoke alarm is in storage mode. This can be identified by the LED flashing green quickly after the control button is pressed. Hold the control button down for at least 5 seconds to exit storage mode. The device now goes into installation mode for 15 minutes (beep, green LED flashes every 4 seconds). If the alarm is not turned onto the mounting plate within this time, it goes back into storage mode, which is indicated by a beep.

Pos	designation	remark
1	ultrasonic sensors	keys within a radius of max. 50cm the area.
2	LED and control button	Detailed description below
3	sound outlet opening	The siren produces at least 85dB
4	dismantling contact	Magnetic contact at (5) detects the locking ten of the mounting plate
5	Opening for disassembly tact	a magnetic contact located here detects the mounting plate
6	label	serial number of your smoke detector
7	reset switch	Sets the detector to delivery status stood back
8	infrared sensors	Check for any obstructions to the smoke inlet opening

6. INSTALL LUPUS OMS SMOKE DETECTOR.

1. Make sure you press the center of the ring light for at least 5 seconds. After 5 seconds you will hear a confirmation tone. The smoke detector is now in installation mode for 15 minutes.
2. The mounting plate can be glued or screwed. If the adhesive alternative is used, the surface should be dry and free of dust and grease. An adhesive pad is already pre-installed and a dowel set is included in the one-piece packaging. When installing using an adhesive pad, the bracket should be pressed on for at least 10 seconds to ensure a permanent hold. Attention: Only the screw variant is Q-Label certified. For installation using screws, it is essential to use both screw devices. Dowel screwing is highly recommended for screwing. Dowels are not required for wooden ceilings.

3. Make sure that the smoke detector clicks into place.
4. As soon as the detector has been placed on the mounting plate, a positive melody should be heard after about 30 seconds to indicate that the device has been successfully commissioned. If this is not the case, please check whether the smoke detector has fully engaged in the mounting plate.
5. During this process, your LUPUS OMS smoke detector will carry out an automatic maintenance procedure, which is described in detail on page 9 above. The environment detection is active 1 hour after the automatic calibration and measurement has been completed after successful installation.
6. If necessary, you can also carry out a manual function test of the smoke alarm after the melody has sounded, following the instructions on page 9 below.
7. You will find the ID (serial number) on the back of the device. The Wireless M-Bus key code will be communicated to you in another way. You will need both to identify the device in the OMS gateway or the database and to decrypt the data.

DONE! YOUR SMOKE ALARM IS NOW INSTALLED AND SET UP.

RESET DEVICE TO STORAGE MODE.

1. Briefly press the reset button on the back. This will reset the smoke detector and it will be in installation mode again for 15 minutes.
2. After 15 minutes, the smoke detector automatically goes into storage mode. To return to storage mode, the device must no longer be locked onto the mounting plate.

AUTOMATIC MAINTENANCE ASSISTANT.

Your LUPUS OMS smoke detector has a fully automatic maintenance assistant. This assistant carries out an inspection of your smoke detector every 24 hours according to the test criteria of DIN standard 14676-1 C and sends the result via OMS Wireless M-Bus at intervals of 2 minutes. The test criteria are:

• Automatic self-test of smoke chamber and battery.
• Silent siren self-test.
• Environmental control: automatic check for obstacles within a radius of 50 cm that could delay the penetration of smoke.
• Check the smoke inlet openings.
• Self-adjustment of the smoke detector according to the degree of contamination.
• Disassembly detection.

Each test criterion is tested at least once within 24 hours. The smoke inlet openings are checked in an 8-hour cycle, and the smoke chamber and dismantling check every 8 seconds. Counters are active for obstacle events and errors, so that several measurements must be taken before a corresponding message is displayed and sent by radio:
• Hardware check: After 3 measurements
• Check smoke inlet openings: After 4 measurements, ie after 32 hours (4 x 8h)

• Environment detection control: After 7 measurements, ie after 7 days
An annual functional test on site is therefore not necessary. However, the LUPUS OMS smoke detector should be cleaned by hand once a year. Dust the smoke detector with a soft cloth. If necessary, dirt can be removed with a damp cloth. Do not use any cleaning agents for this. Note: The LED light on the control button (2) signals events by lighting up in different colors. At night, if the smoke detector's comfort mode is active, ie between 8 p.m. and 6 a.m. CET, events are muted (no sound, no flashing of the LED) with the exception of the smoke alarm, which always starts immediately.

MANUAL MAINTENANCE.

Of course, maintenance can also be carried out manually on site. First, carry out the cleaning measures as described above. Check whether there are any obstacles within a radius of 50 cm that could delay the ingress of smoke. Also check whether the smoke inlet openings are clear. Now press the control button in the middle for at least 2 seconds. You will hear a quiet beep.

tone, then release the button. After 5 seconds, a loud siren self-test follows, as well as an automatic self-test, which is indicated by a rapid flashing sequence of "red, green, red, green". If the self-test was positive, this is acknowledged shortly afterwards with the flashing signal "green, green". If the self-test was negative, this is indicated with "red, red". In this case, consult page 19 for simple measures and troubleshooting.Note: The result of the manual self-test is also sent via OMS Wireless M-Bus.

SIGNALIZATION ON THE DEVICE.

The LED and control button (2) signal events by lighting up in different colors. At night, if the smoke detector's comfort mode is active, ie between 8 p.m. and 6 a.m. CET, events are muted (no sound, no flashing of the LED) with the exception of the smoke alarm, which always starts immediately.

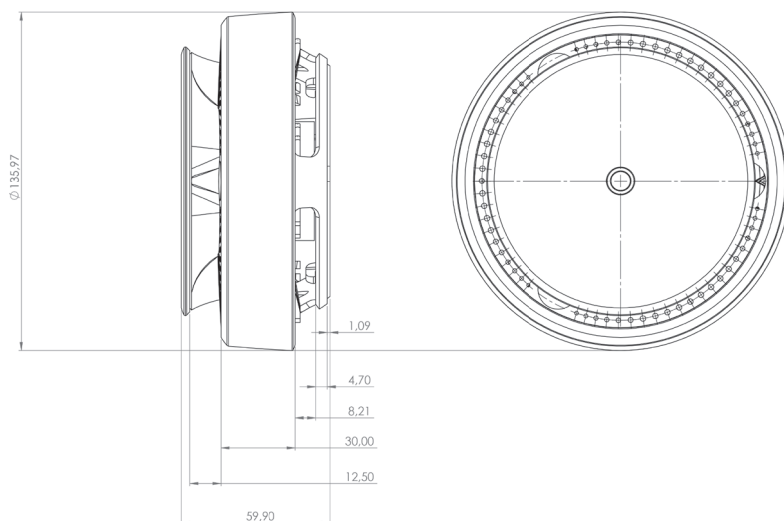| mode	Explanation
storage mode	After pressing the button for at least 5 seconds, the LED flashes green quickly
installation mode	LED flashes green every 4 seconds
normal mode	No signaling by LED or sound
alarm	LED flashes red, loud siren sound
malfunction	LED flashes red 3 times briefly, repeats once per hour
battery error	LED flashes, siren sound, 1 x per 15 min.
dismantling	LED flashes quickly red 5 x, short siren tone
reassembly	LED flashes green 3 times, short siren tone

SIMPLE ACTIONS AND TROUBLESHOOTING.

Your LUPUS OMS smoke detector has a number of useful functions, such as short-term deactivation for 15 minutes, e.g. to prevent the smoke alarm from activating when frying or similar. You will also find information here on what to do if error messages appear.

Event	measure
Deactivation of smoke detectors for 15 minutes	To deactivate the smoke detector for 15 minutes, press the LED button for at least 5 seconds until you hear the second signal tone. The red LED flashes red during the deactivation phase. If you want to exit the deactivation mode early, press the button again.
LED flashes red, 1x per hour. The maintenance assistant has a Error detected.	1. Check whether there are any objects within 50cm of the smoke detector and remove them. 2. Check whether the openings of the smoke chamber near the ceiling are covered. 3. If the error message persists, notify the appropriate personnel.
disassembly detection.	LED flashes red quickly. Please place the smoke detector with the metal pin and the eyelets into the openings provided and turn it clockwise until it clicks into place.
LED flashes red, siren sound with rapidly increasing volume.	Smoke alarm. For information on what to do in the event of a fire, see the next page. In the event of a false alarm, briefly press the LED button to silence the alarm. Dismantling the device also switches off the alarm. If the cause is not remedied after 15 minutes, the alarm starts again.
battery error	LED flashes red, siren sounds once every 15 minutes. Your smoke alarm will now only be functional for another 30 days and must be replaced by the responsible personnel or by you yourself.

IN CASE OF FIRE.

FIRE IN THE APARTMENT:

FIRE IN THE STAIRWELL:

TECHNICAL DATA.

Mass	135.97 x 59.90mm (DxH)
Weight	290g
Color	White
sensor smoke inlet openings	Infrared
OMS/ Wireless M-Bus radio connection	Radio protocol: Wireless M-Bus, OMS generation 4. Unidirectional data transmission every 2-15 minutes. Mode: Mode 5 or Mode 7, transmission mode C1 or T1
battery	Lithium CR-AG (not replaceable)
battery life under normal use	10 + 1 years
lifespan in general	10 years
encryption	OMS Mode 5 or Mode 7
sensor environment recognition	Ultrasound scanning 50cm radius
smoke detection	scattered light principle
operating temperature	0° to 50°C
humidity	10% to 90% (non-condensing)
sound pressure	at least 85dB (A) @ 3m
alarm mute	15 minutes
detection range	max. 60 m$_2$within the room
installation location	ceiling mounting indoors
certification and approval	EN 14604, DIN 14676 1-C (DIN SPEC: 91388), Q label

TECHNICAL DRAWING.

Ø 135,97

1,09

4,70

8,21

30,00

12,50

59,90

This smoke alarm has been tested and certified as a construction product in accordance with EU Regulation 305/2011. Production is monitored by regular and independent checks to ensure continued compliance with legal and normative requirements. The declaration of performance can be found at www.lupus-electronics.de/de/service/downloads

DECLARATION OF CONFORMITY.

LUPUS-Electronics GmbH, Otto-Hahn-Str. 12, 76829 Landau hereby declares that the LUPUS mobile radio smoke detector device complies with the essential requirements and relevant provisions of Directive 2014/53/EU. The declaration of conformity can be found at www.lupus-electronics.de/de/service/downloads

Dispose of the device in accordance with the Waste Electrical and Electronic Equipment Directive 2012/19/EU - WEEE (Waste Electrical and Electronic Equipment). If you have any questions, please contact the local authority responsible for disposal. Information on collection points for your old devices can be obtained from your local community or city administration, local waste disposal companies or your dealer.

LUPUS WARRANTY – LIMITED TO TEN (10) YEARS.

The LUPUS GUARANTEE, limited to ten years, is a voluntary guarantee from LUPUS-Electronics GmbH (LUPUS). It grants additional rights independent of the rights granted by consumer protection laws. These statutory rights are not restricted by the guarantee. The services provided by the LUPUS GUARANTEE, limited to ten years, are therefore intended to supplement and not replace the rights granted by consumer protection law. If a product is defective, consumers can in particular claim the rights under Sections 434 ff., 474 ff. of the German Civil Code. Consumers can choose whether to claim the service under the LUPUS GUARANTEE, limited to ten years, or under their statutory consumer protection rights. Important: The provisions of the LUPUS GUARANTEE, limited to ten years, do not apply to claims under statutory consumer protection rights. You can obtain further information on consumer protection laws from your local consumer protection organization.

WHAT IS COVERED BY THIS WARRANTY?

LUPUS-Electronics GmbH, Otto-Hahn-Str. 12, 76829 Landau guarantees that the LUPUS branded product LUPUS OMS SMOKE DETECTOR and the accessories contained in the original packaging and bearing the LUPUS brand (hereinafter referred to as the "LUPUS product" or "RWM") are free from defects in material and workmanship when used in accordance with the LUPUS user manuals (see lupus-electronics.de/de/service/downloads/). The guarantee is valid for TEN (10) YEARS from the original date of purchase by the end user and purchaser ("Warranty Period") and applies to the functions included in the performance description, expressly also to the battery life of the integrated battery of 10 years. Note: All claims made under the LUPUS WARRANTY limited to ten years are subject to the terms and conditions set out in this warranty document. In addition, LUPUS grants you access to telephone support for the entire warranty period, starting from the purchase of the LUPUS product.

WHAT IS NOT COVERED BY THIS WARRANTY?

This guarantee applies exclusively to the LUPUS OMS SMOKE DETECTOR product and to the accessories included in the original packaging. The general terms and conditions
(see lupuscloud.com/auth/terms) for the LUPUS Cloud you can find details of your rights regarding the use of the software. The services are available to you in Germany, Austria and Switzerland without any processing fees. Outside of these countries, the service options may be limited. If you contact LUPUS by phone, location-dependent fees may apply.

Call charges may apply. For further information, please contact your network operator.

This warranty does not apply to the following: (a) superficial damage, including scratches, dents and damaged plastic, unless the defect is due to a defect in materials or workmanship; (b) damage resulting from use with third-party components or products that do not meet the specifications of the LUPUS product; (c) damage resulting from accidents, misuse, abuse, fire, contact with liquids, earthquakes or other external causes; (d) damage, including premature battery discharge, resulting from false alarms (more than 1x/year) or use of the LUPUS product in a manner not intended according to the user manual, technical data or published guidelines of the LUPUS product or failure to comply with applicable legal or regulatory requirements; (e) damage resulting from service work (including upgrades and extensions) that was not performed by a LUPUS representative or an authorized LUPUS partner; (f) LUPUS products that have been modified without the written consent of LUPUS; (g) defects that arise from normal wear and tear (e.g. discoloration of the surface) or are due to the normal aging of the LUPUS product; (h) LUPUS products whose serial number has been removed or tampered with, or (i) the case that LUPUS is informed by relevant authorities that the product has been stolen, or the case that you are unable to deactivate security locks protected by a passcode or other measures intended to prevent unauthorized access to the LUPUS product and you cannot prove that you are the authorized user of the product (i.e. cannot provide proof of purchase); (j) damage caused by use in areas that are not described in the product information and/or assembly and operating instructions; (k) damage that is otherwise the responsibility of the customer or third parties, in particular

• as a result of operating errors,
• as a result of mechanical damage,
• as a result of sabotage,
• if the type of use of rooms has been changed after the device was fitted without informing the installer or owner (e.g. living room to commercial area, bedroom to kitchen) and this results in a defect or false alarm;

• as a result of direct contamination of the device, such as painting over it or as a result of contamination of the rooms which does not correspond to normal domestic use.

LIABILITY.

If the performance of the services fails for reasons for which LUPUS-ELECTRONICS is not responsible, LUPUS-ELECTRONICS accepts no liability with regard to any damage. If LUPUS-ELECTRONICS does not provide a due service or does not provide it in accordance with the contract, the customer is only entitled to claims for damages instead of the service if the damage was caused by intent or gross negligence on the part of LUPUS-ELECTRONICS, its legal representatives or vicarious agents. In the event that LUPUS-ELECTRONICS services are used by unauthorized third parties using the customer's access data, the customer is liable for any resulting damage within the scope of civil liability until the access data is changed or the loss or theft is reported, provided that the customer is at fault for the unauthorized third party's access. LUPUS-ELECTRONICS is entitled to immediately block the optional cloud services if there is reasonable suspicion that the stored data is illegal and/or violates the rights of third parties. A reasonable suspicion of illegality and/or a violation of law exists in particular if courts, authorities and/or other third parties inform LUPUS-ELECTRONICS of this. LUPUS-ELECTRONICS must inform the customer of the blocking and the reason for it immediately. The blocking must be lifted as soon as the suspicion is refuted.

Claims for damages against LUPUS-ELECTRONICS are excluded regardless of the legal basis, unless LUPUS-ELECTRONICS, its legal representatives or vicarious agents have acted intentionally or with gross negligence. LUPUS-ELECTRONICS is only liable for minor negligence if one of the essential contractual obligations has been violated by the provider, its legal representatives or senior employees or vicarious agents. LUPUS-ELECTRONICS is only liable for foreseeable damages that can typically be expected to occur. Essential contractual obligations are those obligations that form the basis of the contract, that were decisive for the conclusion of the contract and on whose fulfillment the customer can rely. The customer provides the necessary evidence when justifying a claim for damages analogous to Section 1 (4) ProdHaftG. In addition, the customer shall bear the costs for any testing or laboratory expenses incurred by LUPUS-ELECTRONICS or an expert third party if it is proven that the LUPUS OMS SMOKE ALARM DETECTOR ("RWM") in question satisfies the normative conditions of EN 14604 or if the RWM in question is damaged, misused, an RWM warning signal (e.g. if the RWM is contaminated) was incorrectly interpreted as an RWM alarm or the RWM was exposed to environmental conditions which force an RWM alarm in accordance with EN 14604.

LUPUS-ELECTRONICS assumes no liability for the costs of fire service operations, maintenance services not provided by LUPUS-ELECTRONICS (e.g.

Self-services by the customer or services by third parties), door openings, and damage resulting from a fire and/or an RWM signal. Likewise, LUPUS-ELECTRONICS is not liable if the RWM in question is damaged, misused, an RWM warning signal (e.g. if the RWM is contaminated) is incorrectly interpreted as an RWM alarm or the RWM is exposed to environmental conditions that force an RWM alarm in accordance with EN 14604. Furthermore, LUPUS-ELECTRONICS is not liable if the user disregards the instructions for use provided to him. Note: RWM help to detect fires at an early stage and can neither extinguish a fire nor prevent a fire from starting. Furthermore, despite all care, there is the possibility that an RWM may malfunction and therefore not be able to report a fire that has occurred or not report it in time. The usual precautionary rules when dealing with fire, flammable materials and technical devices should therefore always be observed. The installation of RWM and any inspection/maintenance services commissioned for this purpose are not suitable to replace insurance or insurance benefits. The RWM inspection/maintenance and/or repair service provided does not constitute a universal guarantee for repairs caused by users or third parties and for the generally trouble-free operation of the RWM. LUPUS-ELECTRONICS is not liable for the loss of data insofar as the damage is due to the customer failing to carry out data backups and thereby ensuring that lost data can be restored with reasonable effort.

The OMS/Wireless-MBus interface of the LUPUS OMS smoke detector transmits every 2-15 minutes (depending on the preset) in accordance with the OMS specification and DIN SPEC 91388. LUPUS-ELECTRONICS is not liable for damages resulting from improper transmission of OMS data to third-party devices or from improper display and storage of the transmitted OMS data.

If the customer requests a deviation from the legal provisions or the relevant technical guidelines for smoke detector services, the customer bears sole liability for any resulting damage. To the extent that claims against LUPUS-ELECTRONICS are excluded or limited, the exemption from liability or limitation of liability also applies to employees, legal representatives and vicarious agents of LUPUS-ELECTRONICS.

ATTACHMENT.

WIRELESS M-BUS NEWS.

Mistake	TPL status (un-encrypted)	MM2! - Error-Data-point	MM15! - smoke detector derstatus (set Bit = 1)	event (asyn-chron)	error feedback setting at reset/ factory reset	optional data points
Object-recognition	TEMPORARY_ ERROR (0x10)	0x00	bit 9	-	-	AD8! (object-detection counter) AD14! (Object-detection Ent-distance)
Smoke-entry blocked	TEMPORARY_ ERROR (0x10)	0x00	bit 10	-	-	AD9! (Smoke intake vents-blo-ckiert counter)
smoke chamber merdefekt	PERMANENT_ ERROR (0x08)	0x00	bits 2 and 3	-	x	AD10! (Smoke ventricular defect Counter)
self-test misguided hit	TEMPORARY_ ERROR (0x10)	0x00	-	x	-	AD11! (Self-test Failed Counter)
siren defect	PERMANENT_ ERROR (0x08)	0x00	bits 2 and 8	-	x	AD12! (Siren-defective meter)
pollution tion of smoke chamber mer	-	0x00	-	-	-	AD13! (Smoke chamber-pollution level) *Note: To heavy pollution tion: smoke chamber more defective!*
battery empty	LOW_BATTERY (0x04)	0x00	Bit 1	-	-	-
button permanently operated	PERMANENT_ ERROR (0x08)	0x00	bit 2	-	x	-
Clock Mistake (Main-controller)	PERMANENT_ ERROR (0x08)	0x00	bit 2	x	x	-
general hardware error main content scooter	PERMANENT_ ERROR (0x08)	0x00	bit 2	-	x	-

Mistake	TPL status (un-encrypted)	MM2! - Error-Data-point	MM15! - smoke detector derstatus (set Bit = 1)	event (asyn-chron)	error feedback setting at reset/ factory reset	optional data points
ultrasonic sensor technology defect	PERMANENT_ ERROR (0x08)	0x00	bit 2	-	-	-
Infrared- sensor technology defect	PERMANENT_ ERROR (0x08)	0x00	bit 2	-	-	-

Event-relevant (asynchronous telegram transmission) (silent = alarm mute)		remark
Alarm off	x	
alarm	x	
temperature too high	x	
Install	x	Device placed on mounting plate
Install done	x	Together with Melodie
uninstall	x	dismantling
Silent mode set (long key press)	x	alarm mute activated
Silent mode reset	x	Alarm mute ended
short key press	x	

NOTES.

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