DEVICE

The OMS compliant Lansen smoke detector alerts as soon as smoke is detected.   The device uses photoelectric technology and has an aesthetically appealing professional design and function. The design allows for discrete integration in home environment. Fully supervised for low battery and malfunction. Manual test button helps to verify battery status and alarm operation.

The device is automatically powered on when mounted in the sealing for fast and efficient installation. The device is also automatically powered off when removed from the installation.

FIRMWARE

MODES	T mode
TRANSMISSION	One message every 13 minutes, this guarantees a transmission every minute per 24 hours. Enhances performance when used with battery repeaters. Smoke (Alarm)/ Manual test is sent immediately.
ENCRYPTION	AES128 encryption OMS mode 5, Profile A.

WARNINGS

BATTERY	Low battery
SMOKE	Smoke present (Alarm).
END OF LIFE	Device is ending its max service time of 10 years
MALFUNCTION	Malfunction warning
NO CONNECTION	No connection between the radio - smokesensor
MANUAL TEST	Manual test performed

POWER/LIFETIME

POWER SUPPLY	Sealed non replaceable lithium battery
VOLTAGE	DC 3V
LIFESPAN	8-10 years typical

GENERAL INFORMATION

STANDARDS	2014/53/EU (RED) EN 13757-3/4:2013, OMS 4.0.2
APPROVALS	EN 14604:2005 + AC:2008
TEMPERATURE	0^0 to $+49^0$
SOUND LEVEL	Min. 85 dB/3m
SENSITIVITY	0.091~0.149 dB/m
RELATIVE HUMIDITY	None condensing
COLOR	White
SIZE (W x H x D)	120 x 120 x 49 mm
MATERIAL	ABS

DEVICES

LAN-WMBUS-SMK-1	Smoke detector with sealed battery.

PERFORMANCE

The device has a robust design equipped with long lasting high performance battery. The battery level is continuously monitored and a low level warning is issued when battery is nearing depletion. The Automatic calibration and self-test makes it possible to remotely warn if the device is malfunctioning.

Once every 13 minutes device wirelesses transmits a status message containing the status of the smoke detector. The transmission interval of 13 minutes guarantee that a message is sent each minute every 24 hours. This is important if the smoke detector shall be used with battery operated repeaters. The data from the device is protected using the AES128 encryption compliant with OMS standard.

USAGE

The device can be used where there is a need to remotely monitor that a smoke detector is installed and is working correctly.

M-Bus wireless

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