SYCOUS®

ZENNER

Zenner Smoke Alarm

Part Code	Name	Output
ZE001SA	Zenner LoRa Smoke Alarm Easy Protect	LoRa

The easy protect Radio smoke alarm was specially developed for use in radio remote reading systems and offers optimum protection.

The annual remote inspection via radio saves the annual on-site appointment.

Objects in the direct vicinity of the easy protect radio from 0 to at least 50 cm are detected and documented by the detector's innovative environment monitoring.

Approvals:

- Approved for the field of application in accordance with DIN 14676 application standard which regulates the planning, installation, operation and maintenance of the smoke alarm.
- Approved in accordance with DIN EN 14604: 2005, tested and certified by independent testing institute Kriwan Test Centre with the certification number 1772-CPR170691.
- Awarded the quality label Q, the detector meets the requirements of vfdb-Directive 14-01 (type testing, manufacturing facility monitoring according to AVCP system). Further information on the Q can be found at www.qualitaetsrauchmelder.de/das-q

sycous.com   ☎ +44 (0) 113 3604 776   ✉ info@sycous.com   ● New York House, 1 Harper Street, Leeds, LS2 7EA

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Features:

- Visual detection procedure with additional temperature sensor for reliable identification of all fire classes
- Built-in, non-removable long-life battery with a service life of 10 years
- Modern design 130mm in diameter and 40mm in depth
- Test button for muting false alarms and suppressing non-safety-relevant acoustic error messages for up to 65 hours
- Loud alarm with min. 85 dB (A)
- Event log with all key equipment parameters
- Self-monitoring with error signal
- Night-time reduction" to lower LED brightness and postpone error messages not relevant to safety; however, error readouts after 24 hours at the latest
- Field of application according to application standard
- DIN 14676 and approved according to device standard
- EN 14604:2005
- CE certified to comply with the Construction Products Directive
- LoRaWAN radio interface for remote inspection

Managed Services

Meter Data Management

Billing Solutions

PAYG Management

Online Account Management

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Technical Specification

LED INDICATOR LIGHT (RED) WITH NIGHT-TIME REDUCTION
Shows whether the equipment is functioning

LARGE TEST BUTTON
To test and mute the device

SIGNAL GENERATOR
With min. 85 dB (A)

LED INDICATOR LIGHT (YELLOW) WITH NIGHT-TIME REDUCTION
For differentiation of error signals

ENVIRONMENT/DISTANCE MONITORING
Sensor technology for the detection of objects in the environment from 0 to min. 50 cm, which can obstruct smoke penetration
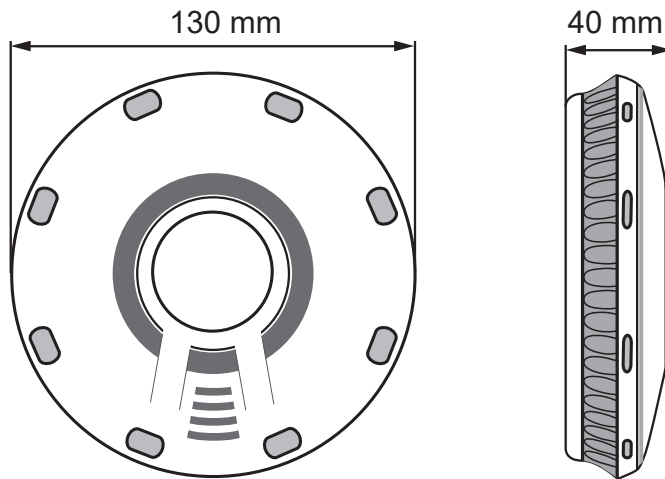
Protocol contents (SP* telegrams)	Interval
Serial number (DevEUI)	once when logging into the LoRaWAN Network
Status information (24:00 on previous day)	daily
Current date with time	monthly
Device-specific information (Firmware version, LoRaWAN version, device type)	six-monthly

synchronous packets = regular

Protocol contents (AP** telegrams)	Interval
Status information (manipulation, battery error)	event-drivennetwork

**asynchronous packets = event-driven*

130 mm   40 mm

Data Collection

Wired Networks

Wireless Networks

IoT Technologies

MBus & Pulse for any network

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