

Advantage through innovation - SeCa CC100 PREMIUM

Temperature detector with 01 100 PREMIUM radio module

Function



The temperature detector with 01 100 PREMIUM radio module reports an ambient temperature rise and triggers at 57°C (per EN 54). It includes a lithium battery, an integrated horn for an acoustic alarm, and displays malfunction or the need for battery replacement (30 days in advance). With the integrated 01 100 PREMIUM radio module, the temperature detector transmits alarms, interruptions, and status reports to the CC100 PREMIUM radio fire alarm control panel or the 01 PREMIUM radio repeater. Radio transmission of status reports is handled according to EN 54-25 (can be set to 100 – 300 sec.). The alarm's system parameters (e.g., horn settings, status reports) are set by radio signal from the control panel.

Item number: 5102018

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System features

Unique to the SeCa CC100 PREMIUM are the ability to use model 100 cascable radio repeaters to quadruple the range, as well as special functions for project planning and commissioning. Using the automatic commissioning function, you can start a "search" and with the help of up to 6,000 signal strength measurements it determines all components' communication paths to the control panel. Successful commissioning gives you the security of a stable radio connection. In addition, the SeCa CC100 PREMIUM offers comprehensive service functions inspired by practical experience and the ideas of many installers. Among the most important: an integrated analyser, battery and signal strength testing, signal strength charts, commissioning and maintenance logs, event memory, and remote monitoring.

Areas of application

We recommend the SeCa CC100 PREMIUM for the following applications: Hotels and inns, retirement homes, youth hostels, military barracks, schools and preschools, offices and administrative buildings. The system can always be installed in compliance with the legal requirements for smoke detectors.

Technical data

Frequency:	Transmits via the ISM band
Broadcast technology:	bidirectional, synchronized synthesizer technology
Power supply:	9V square lithium battery, type LM9V-P, nominal capacity at least 1200 mAh. Use only original batteries (item No. 4800032) or high-quality, tested batteries.
Rated current:	type 54 µA at factory default
Power consumption, alarm:	type 45 mA
Battery life:	approx. 2 years (with radio parameters at factory default), not counting alarm activations. Variation from factory default settings and extreme environmental conditions can shorten battery life by up to 15 months.
Operating temperature:	-10°C to +65°C
Storage temperature:	-20°C to +65°C
Humidity range:	max. 85% relative air humidity
Acoustic indicator:	Horn, 85 dB (at 1 m distance)
Optical display:	LED
Dimensions:	Height 70 mm, diameter 80 mm, weight approx. 150 g
Material / colour:	Plastic, white

SeCa reserve the right to make changes.