

Advantage through innovation - SeCa CC100 SHE system

S 100 SHE radio smoke detector with tamper switch

Function



An optical smoke detector, according to EN 14604 and appendix L (higher resistance to temperature changes makes it particularly immune to false alarms). 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 an integrated S 100 SHE radio module and **tamper switch** it transmits tampering, interruptions and status reports to the 3a 100 radio SHE control panel or the 100 SHE radio repeaters. 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 No: 5102050

System features

Unique to the SeCa CC100 radio SHE system are its cascable radio repeaters, as well as its special project planning, commissioning and service functions. The most important are the automatic commissioning function, battery and signal strength measurement, detector calling, commissioning and maintenance logs, and event memory.

Additional significant advantages are its easy operation (resetting by radio from the control panel) and its need for less wiring thanks to the fact that the drive is radio controlled. Further information — including all system components — can be found in the SeCa CC100 SHE system overview.

Areas of application

A radio SHE system designed for use in stairwells for smoke-free escape and rescue routes, and for daily ventilation.

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 40 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 +60°C
Storage temperature:	-20°C to +60°C
Humidity range:	max. 95% relative air humidity/40°C
Acoustic indicator:	Horn, 85 dB (at 3 m distance)
Optical display:	LED
Dimensions:	Height 51 mm, diameter 100 mm, weight approx. 120 g
Material / colour:	Plastic, white
EC-certificate of conformity:	0786-CPD-20304 / -20682
SeCa reserve the right to make changes.	