

## Radio networking and system technology - SeCa Power Line

### Power Line 01 Temperature detector with radio module

#### Function



The sensor reports an ambient temperature rise and triggers at 57°C (according to EN 54). It includes an alkaline battery, an integrated horn for an acoustic alarm and displays malfunction or the need for battery replacement (30

days in advance).

With an integrated Power Line 01 radio module, the temperature detector transmits alarms and failures to wirelessly networked system components and to the radio fire alarm control panel or radio Power Line if existent.

Item number: 5000125

#### System features

SeCa Power Line allows radio network operation of components with or without a control panel. Through optional event reporting to a control panel, you can recognize immediately which detector has triggered an alarm or malfunction. Acoustic signalling of alarms or malfunctions received can be turned on or off individually. This allows configuration of targeted alerts to specific areas.

When necessary, a repeater function integrated into the radio module can be activated to allow wide ranges.

Further information — including the system components — can be found in the SeCa Power Line system overview.

#### Areas of application

Targeted alerts through radio networking offer an enhanced level of security for homes, holiday apartments, single and multiple family houses, small preschools and schools.

#### Technical data

Frequency:	Transmits via the ISM band
Power supply:	Square 9V alkaline battery, type IEC 6LR61. Use only original batteries (item No. 5100152) or high-quality, tested batteries.
Rated current:	type 45 µA at factory default
Power consumption, alarm:	type 45 mA
Battery life:	approx. 1 year, not counting alarm activations.
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.