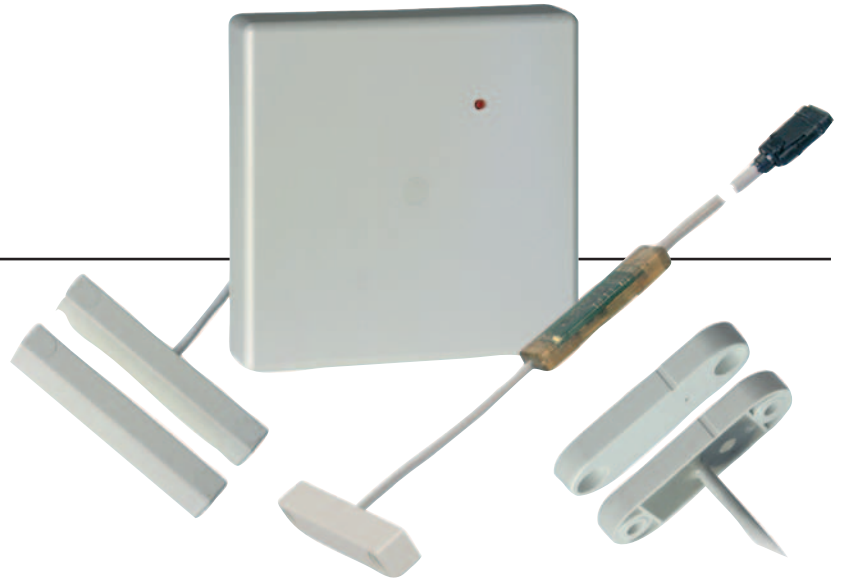


## IDENTLOC

### Intrusion Detection Systems



The crime statistics show that burglaries are among the crimes committed most frequently. A burglary usually proceeds in two stages, first the unauthorized breaking and entering of a building, followed by objects and/or information being stolen. This is why in intrusion detection technology one of the most important components is peripheral monitoring.

The aim is to trigger an alarm, before the offender can enter the house. This is achieved by monitoring all access openings such as doors, windows and other ways of access to a building. Forcing open a door or a window and breaking a window must immediately trigger an alarm.

A monitoring system of this type must not only meet extreme requirements in terms of reliability, but must also be absolutely tamper-proof.

This requirement in combination with the desire for a flexible monitoring element of universal use clearly defined the development task.

The result: **IDENTLOC** - an uncompromising system that is unequalled in terms of flexibility, detection and sabotage security. By virtue of its wide range of use in peripheral and object monitoring, a single sensor system is capable of solving most problems in this area in compliance with the high security level of VdS classes B and C.

**IDENTLOC - the standard in peripheral and object monitoring.**

### Performance Features

- VdS approval
  - Inductive transmission system = no cable link required between the fixed and the moving part
  - Sensors as surface mounting version or for concealed mounting (slimline)
  - For use in multiple locking
  - Up to 4 IDENTLOC sensors can be connected
  - In addition, 1 differential detector group with clear function
  - Tamper-proof
  - In combination with the transmitter unit, each code carrier from the IDENT-KEY product series can be used, resulting in versatile applications
  - Low mounting outlay
  - Peripheral and object monitoring at a high professional level
  - Code-supported transmission method
  - Each sensor is unique
- Evaluation unit BUS-2/BUS-1 (032211.10)**
- Operation at BUS-2 or BUS-1 (changeover switch)
  - Powerful processor with special algorithms enables efficient signal processing coupled with optimised elimination of fault signals
  - Multiple evaluation of transponder signals for reliable detection of interferences
  - Upgraded teaching mode with diagnosis function for checking fault-free transmission of transponder signals

## IDENTLOC - Peripheral Monitoring

### Operation

The transmitter unit provides an electromagnetic field for energy and data transmission. Both the energy transmission to the sensor and the data transmission take place via this field.

The evaluating unit permanently checks the received code information. When no or a wrong code is received, a message is passed to the central unit.

In standard operation, only the Total LED must be lit (after being triggered). All sensors cables may be shortened but not lengthened. The environmental class only applies if the moisture protection of the sensors was carried out correctly.

### Easy and low-cost installation

No cable link required between the fixed and the moving part. The cable is only connected to the fixed part.

### Compatible

Different connection technologies enable operation at all customary intrusion detection central units.

This also allows for problem-free integration into already existing systems.

### Each sensor is unique

An individual code allows the evaluating unit to identify each sensor unequivocally.

### High tamper security

A million different codes give maximum security. Each tampering attempt on a sensor interferes with the correct reception of the code, resulting in triggering an alarm.

### Universal applicability

The complete program offers a suitable sensor for every application.

Can be used on a wooden or plastic base. Also suitable for metal bases to a limited degree.

### A revolutionary product does not have to be big, quite the contrary.

Despite their minimal dimensions, the slimline members of the IDENTLOC range show true greatness.

Greatness in terms of security, practical use and flexibility.

The IDENTLOC slimline components are electronic sensor elements of small dimensions likewise without galvanic connection between the fixed and the moving part.

Their compact design allows the elements to be integrated easily and thus at low-cost into window and door frames or into the objects to be monitored.

Another advantage is that they can be used on wooden, plastic or metal bases.

Lock monitoring of window and door handles, or the like

Opening monitoring of windows, doors, etc.

Monitoring for glass breakage by passive glass breakage sensors or alarm glass adapters in the case of glasses including an embedded wire or integrated security tape



Front doors	Windows	Cellar	Other	Terrace doors
9,1%	31,7%	6,8%	0,7%	51,7%

### Main burglary points in single-family homes

## IDENTLOC - Object Monitoring

### Lock monitoring by IDENTLOC slimline

The locking sensor deserves special attention. For the first time, it allows low-cost monitoring of the locks of the windows and doors equipped with tilt-and-turn armature systems and a wide range of locking bolts (including mushroom-head locks).

Due to their small size, the gap, for example between window and frame, can be used for concealed mounting.

By using a locking sensor, it is thus possible to install a combined lock and opening monitoring.

### Protecting your treasures

Enjoying the beauties from art and culture becomes complete only when you are certain that your valuable pieces are secure.

This is why material and ideal values in exhibitions, museums, galleries and in the private sector are equally worth protecting.

But, apart from art and culture, there are a series of other things that are worth protecting. Just think, for example, of high-tech equipment, sensible data or money, in industry and trade, in banks, offices and other public institutions.

### Object monitoring

Apart from the classic peripheral monitoring, the IDENTLOC system offers plenty of other possible uses.

Instead of the IDENTLOC sensor, all code carriers can be used together with the transmitter unit. This opens up an almost unlimited number of possible applications.



This allows you, for example, to comfortably secure your paintings. This is done by using an ID card attached to the back of the painting. The transmitter unit is mounted invisibly flush in the wall behind it. A painting monitored in this manner can no longer be removed without being noticed.



Push rod

Transmission unit

Sensor

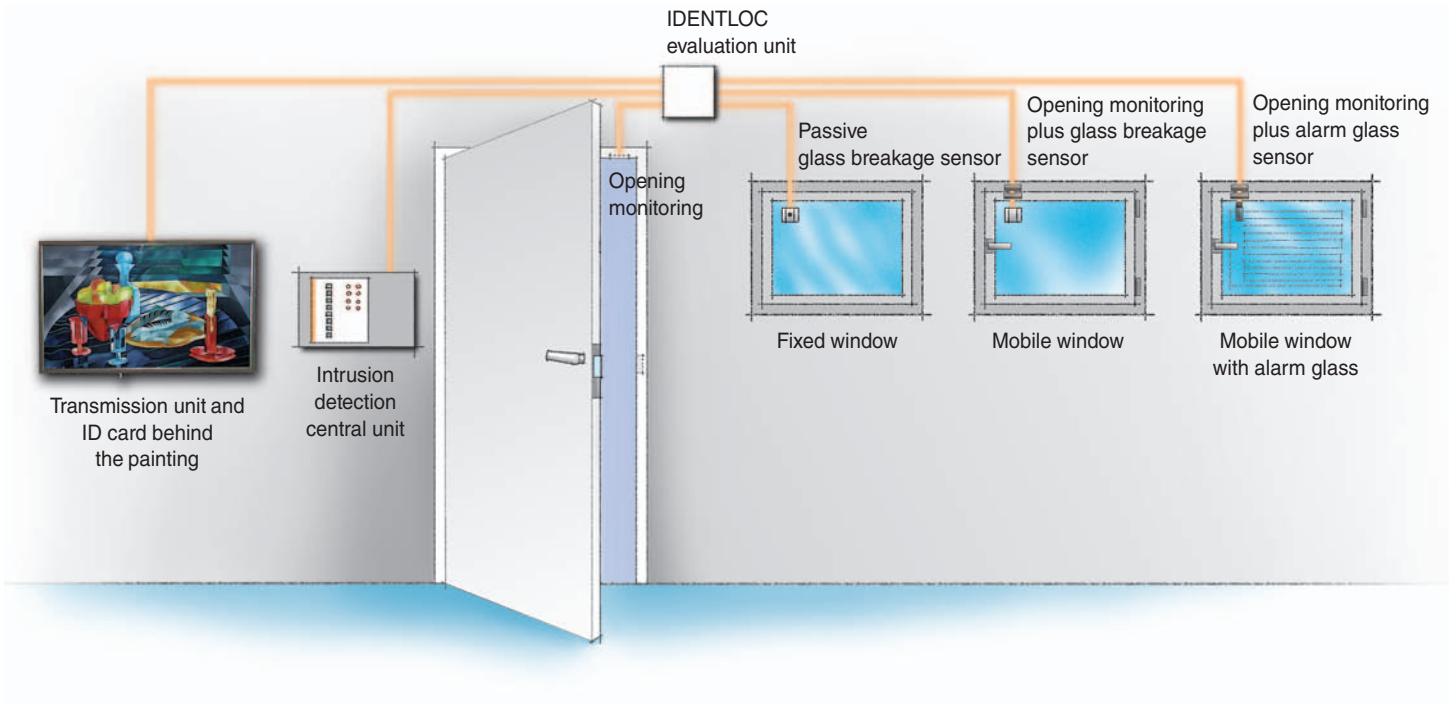
## IDENTLOC - Application Examples

Up to 4 IDENTLOC sensors or IDENTLOC slimline sensors can be connected to an evaluating unit.

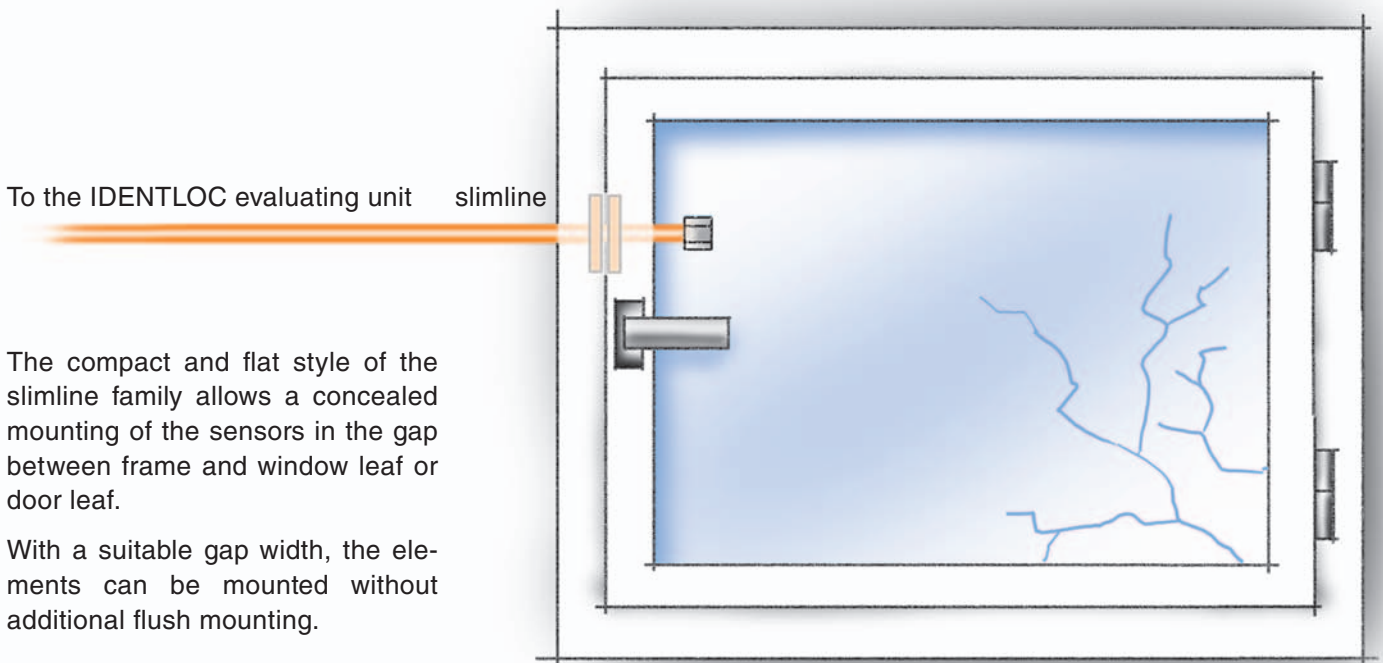
Moreover, one additional connection is available which corresponds to a conventional differential detector group.

In the example, a passive glass breakage sensor is used for monitoring a fixed glass pane.

### Graphical example showing IDENTLOC sensors



### Graphical example showing IDENTLOC slimline sensors



The compact and flat style of the slimline family allows a concealed mounting of the sensors in the gap between frame and window leaf or door leaf.

With a suitable gap width, the elements can be mounted without additional flush mounting.

## Evaluating units



Evaluating unit  
 Art. No. 032 210 (conventional)  
 Art. No. 032 211.10 (BUS-2/BUS-1)

## IDENTLOC sensors

Transmission unit  
 Art. No. 032 220



Opening monitoring  
 Art. No. 032 221.10



Opening sensor including cable for window handle lock monitoring  
 Art. No. 032 222.10

Transmission unit  
 Art. No. 032 220



Opening monitoring plus glass breakage sensor  
 Art. No. 032 230.10

Transmission unit  
 Art. No. 032 220



Opening monitoring plus alarm glass sensor  
 Art. No. 032 223

Transmission unit  
 Art. No. 032 220



ID card  
 e.g. Art. No. 026 375

## IDENTLOC slimline sensors

Lock monitoring  
 Art. No. 032 236



Transmission unit  
 Art. No. 032 235



Monitoring of opening  
 Art. No. 032 237

Transmission unit  
 Art. No. 032 235



Opening monitoring plus glass breakage sensor  
 Art. No. 032 238

Transmission unit  
 Art. No. 032 235



Opening monitoring plus alarm glass sensor  
 Art. No. 032 242

Transmission unit  
 Art. No. 032 235



ID card  
 e.g. Art. No. 026 375

### IDENTLOC slimline accessories:

Surface mounted base for Slimline sensors



Art. No. 030 110 (12 per packaging unit)

## Ordering information

Art. No.	Designation
032210	<b>IDENTLOC evaluation unit, conventional connection technology</b> VdS - Approval G199014 (IDS), Class C; VSÖ W 070427/25 E
032211.10	<b>IDENTLOC evaluation unit, BUS-2/BUS-1 connection technology</b> VdS - Approval G199018 (IDS), Class C
032220	<b>IDENTLOC transmission unit</b> VdS - Approval in connection with IDENTLOC sensors; VSÖ approval
032221.10	<b>IDENTLOC opening sensor</b> VdS - Approval G199015 (IDS), Class C; VSÖ W 070427/23 E
032222.10	<b>IDENTLOC opening sensor, including cable for window handle lock monitoring</b> VdS - Approval G199015 (IDS), Class C; VSÖ W 070427/23 E
032230.10	<b>IDENTLOC glass breakage sensor</b> VdS - Approval G199509 (IDS), Class B
032223	<b>IDENTLOC alarm glass sensor with socket</b> VdS - Approval G199016 (IDS), Class C
032235	<b>IDENTLOC slimline transmission unit</b> VdS - same approval as the corresponding sensor
032236	<b>IDENTLOC slimline locking sensor</b> VdS - Approval G101073 (IDS), Class C; VSÖ W 070427/22 E
032237	<b>IDENTLOC slimline opening sensor</b> VdS - Approval G101074 (IDS), Class C; VSÖ W 070427/20 E
032238	<b>IDENTLOC slimline glass breakage sensor</b> VdS - Approval G101519 (IDS), Class B; VSÖ GS-H 070427/19 E
032242	<b>IDENTLOC slimline alarm glass sensor with socket</b> VdS - Approval G101075 (IDS), Class C
Art. No.	Accessories
032215	<b>IDENTLOC flush mounting kit</b>
032232	<b>IDENTLOC cable for window handle lock monitoring</b>
032267	<b>Glass/metal gluing set Loctite 317, glue 24 ml, activator 150 ml</b>
032268	<b>Gluing gauge for adjusting and gluing glass breakage sensors</b>
032256.01	<b>Sensor tester for passive glass breakage sensors</b>
032266	<b>Contact spray for improving the acoustic coupling between sensor tester and glass pane.</b>
030810.16	<b>Surface-mounted base for height adjustment, 12 per packaging unit in different heights for IDENTLOC sensors</b>
030110	<b>Surface-mounted base for slimline sensors, 12 per packaging unit</b>

For the technical data, please refer to the complete catalogue security technology 2009/2010, art. no. 097079.

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